

SOLARIMPULSE
FOUNDATION



Solar Impulse Foundation Activity Report 2023

**Solar Impulse
Foundation**
Activity Report
2023 —

CONTENTS

| | |
|---|------------|
| WORDS FROM BERTRAND PICCARD | 04 |
| <hr/> | |
| A NEW STRATEGIC DIRECTION: AMBITION 2030 | 05 |
| <hr/> | |
| HOW IT BEGAN | 11 |
| LOOKING BACK | 13 |
| 2022 MILESTONES | 20 |
| <hr/> | |
| 2023 ACTIVITIES | 23 |
| INFLUENCING POLITICIANS & LEGISLATORS | 24 |
| INSPIRING GENERAL PUBLIC | 33 |
| ENABLING ADOPTION JOURNEY | 72 |
| <hr/> | |
| CULTIVATING OUR KEY SUCCESS FACTORS | 78 |
| EFFICIENT SOLUTIONS LABEL & PORTFOLIO | 79 |
| WORLD ALLIANCE NETWORK | 86 |
| CLEANTECH INVESTMENTS | 91 |
| <hr/> | |
| COLLABORATIONS | 95 |
| <hr/> | |
| ORGANISATION | 100 |
| <hr/> | |
| THE TEAM | 102 |
| <hr/> | |
| FINANCE | 107 |
| <hr/> | |
| MOVING FORWARD | 111 |



WORDS FROM BERTRAND PICCARD

Chairman of the
SolarImpulse Foundation

At a time when environmental challenges are multiplying at an alarming rate, our commitment to promoting clean, sustainable and economically viable solutions has never been more crucial.

In a world where the mirages of unlimited quantitative growth continue to dominate the discourse, we are proving that there is another path: that of a **qualitative economy**, combining prosperity and sustainability.

Over the course of 2023, we have expanded our **portfolio of labelled solutions**, strengthened our **influence on public policy** in Switzerland and Europe, and continued to **raise awareness among economic and political players of the immense potential of clean technologies**. At the same time, we stepped up our communication with the general public, notably through the **'City of Tomorrow' exhibition** at the Cité des Sciences et de l'Industrie in Paris, enabling a wide audience to discover the solutions available for urban transformation. **COP28 in Dubai** was also a major resonance point for the Foundation, thanks to our many interventions, on site and in the media, highlighting our **'New Narrative on Climate'**.

This activity report bears witness to our determination to turn ambition into concrete action, demonstrating that the ecological transition is not simply an unavoidable necessity, but an extraordinary opportunity for reinvention, modernisation and growth. Far from being a burden, climate action is proving to be an inexhaustible source of innovation, competitiveness and sustainable prosperity.

With the unfailing support of our partners, our experts and our growing network of solution providers, we continue to demonstrate that ecology and the economy are not opposing forces, but allies.

As we look to the future, our course is set, thanks to the adoption of the 'Ambition 2030' strategy which has mapped out a clear path for the years ahead, taking the Solar Impulse Foundation towards strengthening its global positioning and its concrete impact in the adoption of Efficient Solutions. We must continue to catalyse change by providing governments, businesses and citizens with the tools and knowledge to act. It is by mobilising all the forces at work that we will be able to transform today's challenges into real opportunities, and thus guarantee a better quality of life for generations to come.

This report is much more than a simple retrospective of our activities; it reflects our shared vision of a world where solutions exist and where hope is a renewable resource.

Together, let's continue to prove that change is possible, that it's within our grasp, and that it starts with each and every one of us!

A NEW STRATEGIC DIRECTION

AMBITION 2030

The Foundation's goal of identifying and labelling 1,000 clean and profitable Solutions was achieved by late 2021. Since then, while scouting and labelling have continued, efforts have shifted towards enhancing the implementation of these Solutions. To provide strategic guidance for the Foundation's future, 2023 was dedicated to developing the "Ambition 2030" strategy, designed to broaden and deepen the Foundation's impact.

Vision and Mission: unchanged yet streamlined, with Efficiency as a compass

Efficiency is at the heart of the Solar Impulse Foundation's strategy. We believe that true economic growth should be measured not just by how much we produce, but by how efficiently we use resources and minimise waste. Our goal is to break the link between economic growth and CO₂ emissions, and eventually turn it around so that as we grow economically, our emissions decrease.

At the Madrid Climate & Energy Summit, efficiency was highlighted as crucial for cutting emissions enough to limit global warming to 1.5°C. The key actions proposed include doubling energy efficiency improvements, tripling the use of renewable energy, and reducing methane emissions from fossil fuels by 75%.

With our Ambition 2030, we aim to lead the way in efficiency, particularly in sectors that have the highest emissions, such as industry, transportation, building, and agriculture. We're committed to showcasing innovative solutions that not only improve efficiency but also make a real impact on sustainability.

To achieve this, we are focusing on speeding up the transition to a greener economy and cutting carbon emissions across these key sectors. We want to transform how industries produce goods and energy, make transportation more sustainable, enhance the energy efficiency of buildings, and support sustainable practices in agriculture and food production. By honing in on these areas, we hope to fight climate change, reduce pollution, and protect our planet, all while building our expertise and reputation in these crucial fields.



CAP GLOBAL

Become the directory of all the solutions that exist in the world

Six years after launching its Label, the Solar Impulse Foundation is focused on enhancing the impact of its portfolio and Solution Explorer. Our goal is to make it the global benchmark for Solutions, aligning with our Ambition 2030 objectives. By 2030, we aim to significantly expand our portfolio, encompassing a broader range of sectors and regions.

To broaden our scope, we are introducing a new category: “Featured Solutions.” These are promising innovations that have not yet met the Efficient Solution Label standards, or not yet applied. After internal review, they will be showcased in the Solution Explorer, with the opportunity to apply for the Label upon further evaluation. We are also adding categories for non-technical Solutions that focus on behaviour change, legal frameworks, and best practices. These solutions are essential for tackling environmental and social issues and will complement our technological Solutions.

WE AIM TO MAKE THE SOLUTION EXPLORER THE GLOBAL DIRECTORY OF SOLUTIONS



> EXPANSION AND DIVERSIFICATION OF SOLUTIONS' PORTFOLIO

> ENHANCING THE QUALITY OF SOLUTIONS AWARDED THE LABEL

> PLANNING AI INTEGRATION FOR 2024 IN OUR OPERATIONS AND SOLUTION EXPLORER

To uphold the highest standards for our Label, we will focus on thorough external evaluations. Solutions that receive the Label must effectively tackle major challenges in key sectors such as buildings, industry, agrifood, and mobility. Our 2023 strategy has laid the groundwork

for this transformative approach. Starting in 2024, we will leverage AI to enhance our digital tools, improving our ability to identify and support top-tier Solutions. This will help us lead in sustainable innovation and meet the growing global demand for impactful Solutions.

Strengthening the Solar Impulse Foundation's network

In 2023, we planned a transformation of the Solar Impulse Foundation's Network (former World Alliance for Efficient Solution) to meet global challenges with greater agility and inclusivity. As traditional governance models fall short in addressing issues like climate change and health crises, new approaches involving non-profits, civil society, corporations, and global citizens have become essential.

> + 500 NEW MEMBERS JOINED THE NETWORK IN 2023

A major focus this year was efficiency—achieving more with fewer resources. The leaders' summit in Madrid highlighted the urgent need for a model centred on International Governance for Efficiency. As we rebrand the World Alliance for Efficient Solutions to the Solar Impulse Foundation's Network, we are committed to this new direction as set in the Ambition 2030 strategy.

Our Advisory Board, composed of top innovators, investors, and experts, will provide critical guidance to ensure our strategies are informed and effective.

Develop our positioning in the Global South, focus on financing and policy

In 2023, our Cap Global goal was to refine the narrative surrounding the Foundation and Bertrand Piccard's work in the Global South. Our approach highlights how addressing inefficiencies and deploying targeted solutions in transition and developing contexts can drive significant economic and social development. Key areas of focus include enhancing access to energy, promoting sustainable urbanisation, and facilitating climate adaptation.

OUR EFFORTS IN THIS AREA ENCOMPASS SEVERAL CRUCIAL DIMENSIONS:

- Climate Finance and Partnerships:** We strengthened partnerships with multilateral development banks and positioned SIF as a leading solutions provider, enriching our portfolio with innovative solutions for the Global South and addressing green transition investment challenges.
- Policy Advocacy:** We engaged with governments and policymakers in the Global South to promote policies that prioritise efficiency, renewable energy, and sustainability, aiming to integrate these elements into national and regional development plans.

CAP MAKE THEM LAND Develop and launch an Efficiency Fund to finance implementation of Solutions

The Efficiency Fund is a crucial addition to SIF's strategy, designed to address significant needs and amplify our impact. While our foundation has been effective in matchmaking and advocating for cleantech, the Fund will enhance our capabilities by providing the financial support necessary to transform innovative ideas into actionable projects. This shift from strategy to implementation is esseese principles into national strategies. Through these initiatives, we are working to ensure that the Global South not only benefits from our solutions but also plays a pivotal role in the global transition towards a more sustainable and equitable future.

➤ WE WANT TO ENSURE THAT THE GLOBAL SOUTH NOT ONLY BENEFITS FROM OUR SOLUTIONS BUT ALSO PLAYS A PIVOTAL ROLE IN THE GLOBAL TRANSITION TOWARDS A MORE SUSTAINABLE AND EQUITABLE FUTURE, ESSENTIAL FOR DIRECTLY INFLUENCING CLEANTECH ADOPTION.

The Efficiency Fund, part of Ambition 2030, will bridge the funding gap for impactful projects by offering targeted financing options such as grants and project loans. By leveraging Bertrand Piccard's high-level engagements, the Fund will channel the enthusiasm generated into concrete initiatives, thus translating advocacy into tangible results.

➤ BY PROVIDING THE FINANCIAL SUPPORT NECESSARY WE AIM TO TRANSFORM INNOVATIVE SOLUTIONS INTO ACTIONABLE PROJECTS

Co-create impact coalitions in the five key sectors to push for systemic change

By bringing World Alliance stakeholders together within "Impact Coalitions" or "think-do-tanks", the SIF will work concretely to boost efficiency in the four sectors. These impact coalitions uncover key bottlenecks, address them at the advocacy level, identify deployment opportunities for solutions, facilitate peer-to-peer learning among adopters, and further specialise the teams' work. This structured approach ensures concrete results and strengthens SIF's



positioning, knowledge and credibility in the five sectors described above (Building, Industry, Mobility, Utilities and Agrifood). In the medium run, the Efficiency Fund could fuel these Impact Coalitions, enhancing their (and the Alliance's) value proposition for stakeholders.

“We will go nowhere if we try to protect the environment by threatening human comfort, mobility and economic development.”

Bertrand Piccard

How it began



2004

BERTRAND PICCARD'S VISION

Bertrand Piccard was among the first to consider ecology through the prism of the economy, encouraging the implementation of efficient technological solutions to protect the environment and improve quality of life. In the early 2000s, Bertrand's dedication emerged from a solid conviction: climate change can only be tackled through the lens of profitability and popular endorsement. He shared his vision through a Manifesto in which he defined the symbolic and political scope of the Solar Impulse project. His global circumnavigation in a solar airplane, 43,000 km without using any fuel, carried this message and demonstrated the immense potential of renewable energies and clean technologies.



RECONCILING ECOLOGY AND THE ECONOMY TO ACHIEVE QUALITATIVE GROWTH

1. Highlight the solutions instead of the problems
2. Stop threatening human mobility, comfort and economic development in order to protect nature
3. Speak of profitable investments instead of expensive costs:
4. Offer both rich and poor countries a share in the returns on investment
5. Refrain from setting goals without demonstrating how to reach them
6. Combine regulations with private initiative
7. Act in the interest of today's generation and not only for future generations

FIRST ROUND-THE-WORLD FLIGHT



2004-2016

More than a revolutionary aircraft capable of flying through day and night without fuel, Solar Impulse highlighted the enormous potential of renewable energy production and energy efficiency. A powerful demonstration of how clean technologies can give our planet a more sustainable future.

THE CREATION OF THE FOUNDATION

The Solar Impulse Foundation was created to add an educational angle to the flight-around-the-world project and to raise public awareness about the importance of clean technologies and renewable energies.



“A giant step forward that sends a strong message to the entire world.”

Ban Ki-moon, UN Secretary General

Looking Back

“Thousands of solutions exist that can preserve nature while boosting economic growth, but they are often hidden in start-ups or research labs. They remain unknown to decision makers and are not implemented at industry level.”

Bertrand Piccard

THE 1,000 SOLUTIONS CHALLENGE

At COP22 in Marrakech, Bertrand Piccard set the challenge for the Solar Impulse Foundation to identify at least 1,000 Solutions capable of protecting the environment in a financially profitable way in order to accelerate the transition to a carbon-neutral economy. Five years later, in April 2021, the challenge was completed and the Foundation hasn't stopped labeling since.

“Initiatives like selecting 1,000 Efficient Solutions are exactly what we need to further enable investors, governments, cities and citizens to harvest the rich variety of clean technologies, that already exist or are under development, and accomplish the goals of the Paris Climate Change Agreement and all the Sustainable Development Goals to catalyse a healthy and prosperous future for all.”

Patricia Espinosa,
Executive Secretary, UNFCCC

WORLD ALLIANCE for EFFICIENT SOLUTIONS

by **SOLARIMPULSE FOUNDATION**

“Europe is committed to a clean energy transition. But this can only happen if we break down silos, if all those who share this commitment work together and focus on tangible and efficient solutions. That is why I support the World Alliance.” **Maroš Šefčovič,**

former Vice-President,
European Commission

2016



2017

The World Alliance for Efficient Solutions was created at the initiative of Bertrand Piccard and the Solar Impulse Foundation to federate the main actors in the fields of sustainability and clean technologies. This global network gathers Innovators, investors and decision-makers around a pool of solutions ready to be promoted and implemented to achieve environmental targets.

SOLAR IMPULSE EFFICIENT SOLUTION LABEL

Thanks to a rigorous assessment performed by external, independent Experts, the “Solar Impulse Efficient Solution” Label is the only evaluation available today that guarantees the economic profitability of products and processes that protect the environment. Considered a recognition for Innovators and a credible trademark of quality for governments and companies, it enables decision-makers to find efficient solutions to meet their environmental commitments.



A LABEL FOCUSED ON BOTH
 THE ENVIRONMENT AND PROFITABILITY
 IN THE FIELDS
 OF WATER, ENERGY, MOBILITY,
 INFRASTRUCTURE, INDUSTRY
 AND AGRICULTURE.

LABEL CREDIBILITY

Ernst & Young supports the Solar Impulse Foundation in defining and reviewing targets, operational modalities, and the selection criteria. EY assessed the appropriateness of the standards of the Label regarding its relevance, its exhaustiveness, its reliability, its objectivity and its clarity.



LABEL RECOGNITION

This powerful tool to facilitate the emergence of efficient solutions has received global support from institutions such as the UNFCCC, the European Commission, the International Renewable Energy Agency (IRENA), the International Energy Agency (IEA) and many others.



The Solar Impulse Efficient Solution Label, introduced in 2018, is a dynamic and continually evolving process designed to accurately mirror shifts in the Cleantech sector. While the fundamental principles persist—awarding the Label to products, services, or processes that combine credible environmental and economic performance, while outperforming the mainstream options in its market—the label undergoes annual updates to its standards. These revisions are driven by internal assessments, engagements with pertinent stakeholders, including experts and innovators, and collaborations with members of our World Alliance network who implement Cleantech & innovation selection processes, such as those within the EU Horizon 2020 framework. The audit, conducted in collaboration with EY, plays a crucial role in fine-tuning the eligibility criteria, ensuring both quality and the overall credibility of the evaluation process. This iterative approach allows us to stay at the forefront of advancements in the Cleantech space while maintaining the integrity of our evaluation framework.

ENGAGING AT INTERNATIONAL FORA

A continuous advocacy effort has been led the Foundation to build strong relationships with key political stakeholders and to position Bertrand Piccard as a key thinker on topics related to ecological transition. Appointed Champion of the Earth and UN Goodwill Ambassador for the Environment, Bertrand Piccard has become an influential voice heard within the most distinguished institutions across the globe over the years.



SPECIAL ADVISOR TO EUROPEAN COMMISSION VICE-PRESIDENT MAROŠ ŠEFČOVIČ

After several years of engaging with the European Commission at the highest levels, Bertrand Piccard was selected to advise Vice-President Šefčovič on emerging mega-trends affecting the EU, with a focus on decarbonisation and circular economy. As a Special Advisor, he also contributes to brainstorming on strategic foresight priorities, in particular those related to the green transition and challenges of sustainability. Vice President Šefčovič has a broad mandate within his role in the current administration, including leading on interinstitutional relations, better policymaking and strategic foresight.



2019-2020



PRESENT AT THE G7 SUMMIT IN BIARRITZ

Selected by the French government to speak at the 45th G7 meeting in Biarritz, Bertrand called on heads of state to adopt courageous policies to counter the climate crisis. Bertrand Piccard's intervention reflected his work with the One Planet Lab, and focused on the advancement of clean mobility and decarbonising the transport sector.

JUNE 2020

REACHING 1,000 SOLUTIONS

On April 13th, 2021, after more than five years of outreach, reviews, coordination, and precious collaboration with independent Experts, we crossed the line of 1,000 labeled Solutions from across the world. The critical mass brought together with this pool of over 1,000+ solutions provides a unique resource to give political and economic decision-makers the tools to adopt much more ambitious energy and environmental policies.

APRIL 2021

SolarImpulse
Foundation
#beyond
1000
solutions

“*These 1,000 Efficient Solutions turn the challenge of our century into a historic opportunity. They provide concrete responses to immediate issues and allow us to work towards a sustainable future together.*”

Florent Menegaux, CEO of Michelin

MAY 2021

THE FUNDS ANNOUNCEMENT

The Foundation announced the launch of two investment funds that plan to invest a combined EUR 350 m in some of the 1,000+ clean solutions identified and labeled by the Foundation. The initiative was a next strategic step, following the 1,000 solutions announcement, to prove that the protection of the environment is profitable.

 **Rothschild & Co**

 **Air Liquide**

 **BNP PARIBAS**

- > SUPPORTING THE CREATION OF TWO INVESTMENT FUNDS, A GROWTH & BUYOUT STRATEGY WITH ROTHSCHILD & CO AND AIR LIQUIDE, AND A VC STRATEGY WITH BNP PARIBAS STRATEGY WITH BNP PARIBAS

THE SOLUTIONS EXPLORER

The Foundation launched the Solutions Explorer – a dynamic, free-access database showcasing at that time more than 1,300 clean and profitable Solutions from all over the world. It was presented at COP26 during three live web series.



IT INTRODUCES FIVE NEW USER-FRIENDLY SEARCH-FILTERS TO QUICKLY IDENTIFY WHAT THE USER IS LOOKING FOR:

- > SECTORS
- > CLIENTS
- > APPLICATIONS
- > ENVIRONMENTAL BENEFITS
- > TECHNOLOGIES

OCTOBER 2021 —



COP26

COP26 was the first opportunity to engage with decision-makers since we had reached our target of 1,000 labeled Solutions. We succeeded in meeting with a great many of them over the course of the two weeks, including Prime Minister Narendra Modi of India. We heard of the challenges they face to combat climate change, and the support that these solutions could bring, recognising that their existence – clean and profitable solutions – served as an argument in favor of taking ambitious action.

NOVEMBER 2021 —

THE FIRST 'SOLUTIONS GUIDE'

Scotland's situation presenting an interesting case study of a country, with an evolving economy dedicated to a just ecological transition, pushed us to select the Scottish climate change plan as a source from which to write a first Guide. This Solutions Guide was a first step in accompanying public authorities and businesses on their path to net-zero by highlighting specific innovations which could be incorporated into their climate strategies.



JUNE — SEPTEMBER 2022 —

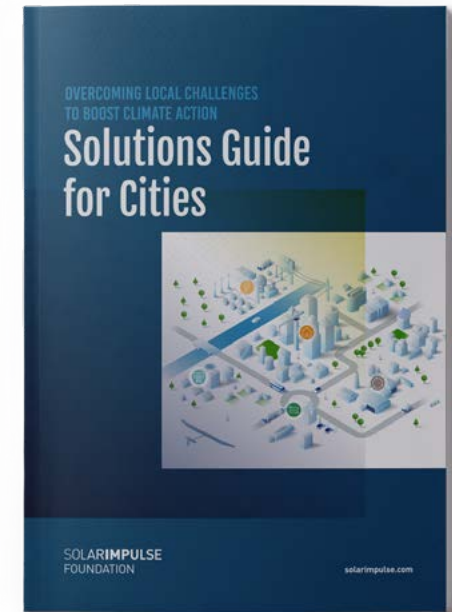
THE 'PRÊT À VOTER' INITIATIVE

The Solar Impulse Foundation believes that creating an economy that is both logical and ecological requires recognizing the value of clean and efficient technologies. Neglecting this can hinder the ecological transition. To address this, in 2022, the Foundation launched the "Ready to Vote" initiative, aimed at modernizing France's legal and regulatory framework. It provided 50 vote-ready recommendations based on innovative solutions to align laws with technological advancements. These recommendations span nine key themes, from energy to circular economy. The initiative involved sharing these proposals with incoming members of the French National Assembly, aiming to influence future legislative agendas. This marked the Foundation's first foray into the legislative arena, with plans to continue such efforts in 2023, ultimately striving to expedite positive change for our planet.

MARCH — NOVEMBER 2022

THE 'SOLUTIONS FOR CITIES' INITIATIVE

With over 1,400 efficient solutions already identified, the focus is now on their application in urban contexts, recognizing cities' pivotal role in mitigating climate change. Officially released at COP27, the Solutions Guide presents a compilation of clean and profitable labeled solutions and implementation case studies in the following areas : energy, water, construction & infrastructure, mobility and waste . The guide, along with an online platform, addresses 50 common challenges faced by cities in adopting clean and efficient solutions. It is designed to help and inspire urban centers - mayors, city planners, public administrations, companies, and citizens - to quickly build and implement effective decarbonisation programs, proposing solutions that enable decision makers to harness the economic opportunities presented by the ecological transition while simultaneously reducing their environmental footprint. Furthermore, the guide includes systemic enablers, recognizing the need for additional measures alongside technology adoption. These encompass integrating green public procurement criteria, fostering collaboration between city administrations and businesses, unlocking public finance, and embracing innovative financing mechanisms to facilitate long-term shifts essential for the ecological transition's success.



“If most of our problems are concentrated in cities, so are the solutions. If we manage to decarbonize cities, reduce their energy consumption, and minimise their waste, we are already making huge strides in the fight against climate change. The ecological transition is possible now – let’s start with the biggest challenge, let’s start with our cities.” **Bertrand Piccard**

“My vision of the ecological transition is a peaceful and unifying one, yet we are still talking of carrying out a revolution.”

Bertrand Piccard

Milestones

2023



“PRÊT À VOTER CH” INITIATIVE

The “Prêt à Voter Switzerland” initiative by the Solar Impulse Foundation represents a critical step toward aligning Switzerland’s legal framework with the advancements in clean technology. Building on the momentum from the successful climate law referendum, the initiative offers a comprehensive set of 27 legislative proposals, developed in collaboration with innovators and legal experts, to facilitate the rapid adoption of sustainable solutions. These proposals target key sectors such as transport, energy, and industry, which are responsible for the majority of Switzerland’s carbon emissions. By addressing regulatory barriers and modernising outdated norms, “Prêt à Voter” aims to unlock the economic and ecological benefits of these innovations. The initiative not only seeks to reduce emissions and improve public health but also to position Switzerland as a leader in the global ecological transition. Through continued collaboration with parliamentarians and stakeholders, the Solar Impulse Foundation is committed to driving these proposals forward, ensuring they play a pivotal role in shaping the country’s sustainable future.

JUNE 2023

SEPTEMBER 2023

EXHIBITION “VILLE DE DEMAIN” CITÉ DES SCIENCES – PARIS

The “Ville de Demain” exhibition, hosted by the Cité des sciences et de l’industrie in Paris from September 20, 2023, to January 7, 2024, is a groundbreaking exploration of clean and profitable solutions designed to address the urgent challenges of urban sustainability. As a flagship project of the Solar Impulse Foundation, it aims to bring identified and labeled Solutions to the public, inspiring everyone by demonstrating how clean technologies and sustainable practices can transform our cities into cleaner, more efficient, and more livable spaces. By presenting practical solutions across various sectors such as energy, water management, construction, and mobility, “Ville de Demain” serves as a beacon of hope and a call to action for a collective effort toward a sustainable future.



RUNWAY

Convinced by the potential of its portfolio of labeled solutions, the Solar Impulse Foundation launched RUNWAY, a platform to catalyse matchmaking between efficient solutions and impact investors looking to support the Sustainable Development Goals in November 2023. RUNWAY enables labeled companies to efficiently share their capital needs with our network, and aims to facilitate access to capital for climate innovations.

- > MORE THAN 1.4 BILLION RAISED BY 100 LABELED SOLUTIONS IN 2023
- > A NETWORK OF 200+ INVESTORS



THE NEW CLIMATE NARRATIVE (COP28)

Despite the efforts undertaken since the Earth Summit in 1992 to protect the environment and fight against climate change, the situation has continued to worsen. It's clear that presenting environmental protection as difficult, expensive and sacrificial for the economy, mobility and comfort has not motivated many. It is therefore imperative to devise a new narrative and replace the one that has not worked in the past. Since November 2023, the Solar Impulse Foundation has been advancing "The New Climate Narrative," reframing climate action as an opportunity for economic growth and improved quality of life. Launched at COP28, this initiative, led by Bertrand Piccard, highlights over 20 innovative narratives to climate solutions. It has garnered support from global leaders, including the Belgian Prime Minister and former Secretary of State for the United States of America, John Kerry.

WORLD ALLIANCE SUMMIT

In November 2023, the World Alliance for Efficient Solutions hosted a Summit at La Cité des Sciences, bringing together over 200 participants for a dynamic exchange of ideas. The first day focused on Access to Market and Capital, featuring the Pioneer Awards and fostering extensive networking, with around 200 business meetings taking place. The second day emphasised advocacy and the role of clean technologies in economic development. The Summit concluded with the launch of RUNWAY, aimed at connecting innovative solutions with investors.



NOVEMBER 2023

DECEMBER 2023

2023 Activities

INFLUENCING POLITICIANS & LEGISLATORS

INSPIRING GENERAL PUBLIC

ENABLING ADOPTION JOURNEY

INFLUENCING POLITICIANS & LEGISLATORS

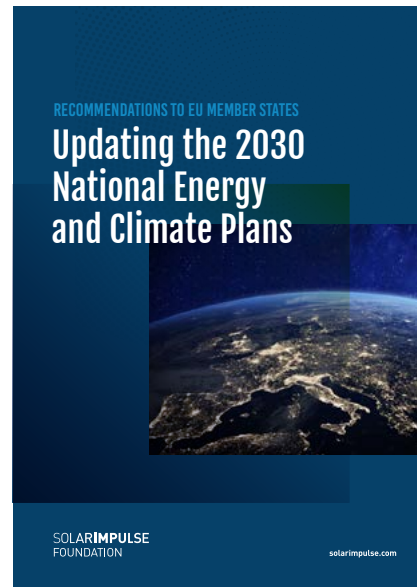
Influencing politicians and legislators is crucial to driving the adoption of sustainable solutions on a global scale. As technology advances, political will remains one of the primary barriers to implementing these innovations. This section highlights the efforts of the Solar Impulse Foundation in shaping energy and climate policies across Europe. Through direct engagement with key policymakers, strategic initiatives like the National Energy and Climate Plans (NECP), and the launch of the New Climate Narrative at COP28, the Foundation has worked tirelessly to ensure that sustainable solutions are not only recognized but also integrated into legislation, accelerating the transition to a greener future.

The National Energy and Climate Plans (NECP) initiative

In order to reach their climate, renewable energy and energy efficiency objectives, EU Member States have to send to the EU Commission, every 2 years, an updated plan on how they intend to reach their national targets. In 2022, Member States had to send their NECP to the EU Commission by June 2022.

In order to accelerate the implementation of these objectives and make them reality by turning them into concrete investments, these plans are crucial for Member States. First because it pushes them to assess their current situation and second, to think and plan the appropriate measures to reach their goals.

For this reason, the SIF has published a document gathering more than 150 policy recommendations in order to decrease energy consumption or increase their renewable share. This document has been prepared with the contributions of around 20 renewables and energy efficiency industry representatives.



The document has been presented to several key Member States in order to influence their NECP and push them towards more ambition, thanks to all the available solutions already existing. The following policy-makers have been met by Bertarnd Piccard and his team between January and June 2022.



BELGIUM

- **Tinne Van der Straeten**, Federal Minister for energy
- **Mr Georges Gilkinet**, Federal Minister for Mobility
- **Mr Alain Maron**, Regional Minister for energy and environment

ROMANIA

- **Mr Virgil-Daniel Popescu**, Minister of energy
- **Mr Dan-Drăgostin Drăgan**, Secretary of State, Ministry of Energy
- **Mrs. Tatiana Iosiper**, Ministry of Foreign Affairs, General Director, Energy and Climate diplomacy
- **Mrs. Alexandra Bocse**, State Adviser, Department of Climate and Sustainability (President office)
- **Mrs. Alin Jalea**, State advisor, climate change (Prime Minister Office)

FRANCE

- **Mr Gabriel Normand**, Diplomatic Advisor, Cabinet of Mrs

Pannier-Runacher, Minister for Energy and Ecological Transition

HUNGARY

- **Mr Gergely Karacsony**, Mayor of Budapest
- **Mr Lantos**, Minister of Energy BCSDH (Business Council for Sustainable Development in Hungary)

SPAIN

- **Ms Teresa Ribera**, Vice-President of the Government of Spain and Minister for Ecological Transition and Demographic Challenge

ITALY

- **Mr Pichetto-Fratin**, Minister of energy cancelled (due to Berlusconi's funerals)
- **Mr Edoardo Zanchini**, Climate Advisor, Communa di Roma

POLAND

- **Mr Adam Guibourgé-Czetwertyński**, Under Secretary of State, Ministry of Climate and Environment

The recommendations have also been shared with EU Commission officials and further Member States during the EU Commission High-Level event on the Future of the Energy Union, Looking beyond the crisis (20 April 2022, Brussels). At this event, SIF report has also been shared with:

- **Kadri Simson**, European Commission commissioner for Energy
- **Claude Turmes**, Minister for Energy, Luxemburg
- **Ana Fontoura Gouveia**, Secretary of State for Energy and Climate, Portugal



Other meetings in Brussels (EU Affairs)

> **On 11 July 2022**, Bertrand Piccard was invited to speak at the informal EU energy and environment council meeting, hosted by the Spanish Presidency. He was invited to discuss the importance of communication to federate around the fight against climate change.

> **On 4 October 2023**, Bertrand Piccard met Belgium Prime Minister Mr. Alexander De Croo, to exchange on several topics including how to communicate about climate change.

> **Bertrand Piccard is European Commission Vice-President and Commissioner for Green Deal's special advisor.** He has met him several times in 2023.



“The world's population reached 8 billion in 2022 and is projected to hit 10.4 billion by the century's end. As demand for energy grows, we must explore alternatives to fossil fuels, with clean energy like solar power being crucial. Organisations like the Solar Impulse Foundation are vital in driving these technologies for a sustainable future.”

Sudhir Pai

EVP, Data and Robotics Division, Acteon Group
& Solar Impulse Foundation Expert

THE FOUNDATION HAS WORKED TIRELESSLY TO ENSURE THAT SUSTAINABLE SOLUTIONS ARE NOT ONLY RECOGNIZED BUT ALSO INTEGRATED INTO LEGISLATION, ACCELERATING THE TRANSITION TO A GREENER FUTURE.

The New Climate Narrative and COP28



“It is imperative to devise a new narrative and replace the one that has not worked in the past. What we are calling for is no less than a revolution in the way we speak about climate action.”

Bertrand Piccard
President of the Solar Impulse Foundation

In November 2023, the Solar Impulse Foundation unveiled the “New Climate Narrative” (NCN) at COP28, marking a key moment in the global climate change fight. This initiative, the centrepiece of our COP28 presence, aims to overcome obstacles to ecological transition by changing how climate action is discussed.

Reflecting on the journey since the 1992 Earth Summit, the NCN highlights the increasing urgency of environmental protection amidst worsening conditions. It argues for a shift from viewing climate efforts as costly and challenging to presenting them as opportunities that enhance global quality of life.

The narrative outlines over 20 innovative narratives to frame climate action positively. The official launch on December 5, 2023, gathered over 100 diverse stakeholders for collaboration. The initiative received strong support, with the Belgian Prime Minister and John Kerry, US Special Envoy for Climate Change, praising its impact.



COP28, held in Dubai, UAE, marked a significant milestone with commitments to transition from fossil fuels, triple global renewable energy capacity, and double annual energy efficiency improvements by 2030. The Foundation leveraged the conference to promote its new narrative and spotlight over 1,500 certified “Efficient Solutions” demonstrating economic viability and environmental stewardship. Throughout the conference, Bertrand Piccard and the SIF team engaged with high-level decision-makers, delivered over 20 keynote addresses, and participated in numerous media interviews. They also hosted key events, including a breakfast with the Belgian Prime Minister, a launch reception with the UNFCCC and the World Business Council for Sustainable Development, and a side-event on climate finance with BNP Paribas and Schneider Electric.



- > 35 INTERNATIONAL INTERVIEWS
- > 7 CHRONIQUES, IN 5 LANGUAGES AND MULTIPLE MEDIA OUTLETS (REPUBBLICA, LE TEMPS, LA TRIBUNE, EFE VERDE, FORUM... ETC) + 7 'DAILY' ARTICLES ON TF1
- > 6 HOT TAKES, TOTALING 26,700 VIEWS
- > 1 VIDEO WITH INNOVATORS, WATCHED 7,200 TIMES AND 11,000 IMPRESSIONS
- > 1 NARRATIVE LAUNCH POST, 25,500 IMPRESSIONS (SIF LINKEDIN ALONE)
- > BERTRAND PICCARD: 155 000 IMPRESSIONS ON LINKEDIN (+65%, 115 000 SIF)

| REPLACE THIS | > | BY THIS |
|------------------------|---|---------------------------------|
| CLIMATE ACTION | | NEW BUSINESS OPPORTUNITIES |
| CLIMATE URGENCY | | ECONOMIC IMPERATIVE |
| CLOSING DIRTY SECTORS | | DIVERSIFICATION |
| COST | | INVESTEMENT |
| DECARBONISATION | | MODERNISATION |
| DEGROWTH | | QUALITATIVE ECONOMY |
| PROBLEMS | | SOLUTIONS |
| PROTECTING THE PLANET | | IMPROVING HUMAN QUALITY OF LIFE |
| SOBRIETY | | EFFICIENCY |
| "OTHERS STILL POLLUTE" | | WE CAN BE MORE MODERN |



Media coverage

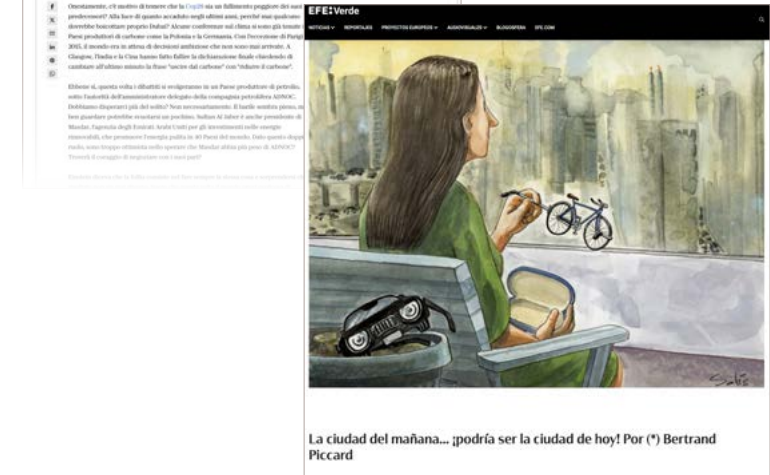
During COP28, Bertrand Piccard's chronicles were published by several news outlets media in 6 countries (4 languages) including:

- **EFE Verde - SPAIN**
- **La Repubblica (Green&Blue)- ITALY**
- **Business Green - UK**
- **Forum Nachhaltig Wirtschaften - GERMANY**
- **La Tribune - FRANCE**
- **Le Temps - Switzerland**



“ Thanks a lot for the invite to discuss solutions and opportunities for #3xRenewables and 2xEfficiency. Such a pleasure to collaborate again with Bertrand Piccard and Solar Impulse Foundation.”

Bruce Douglas
CEO Global Renewables Alliance



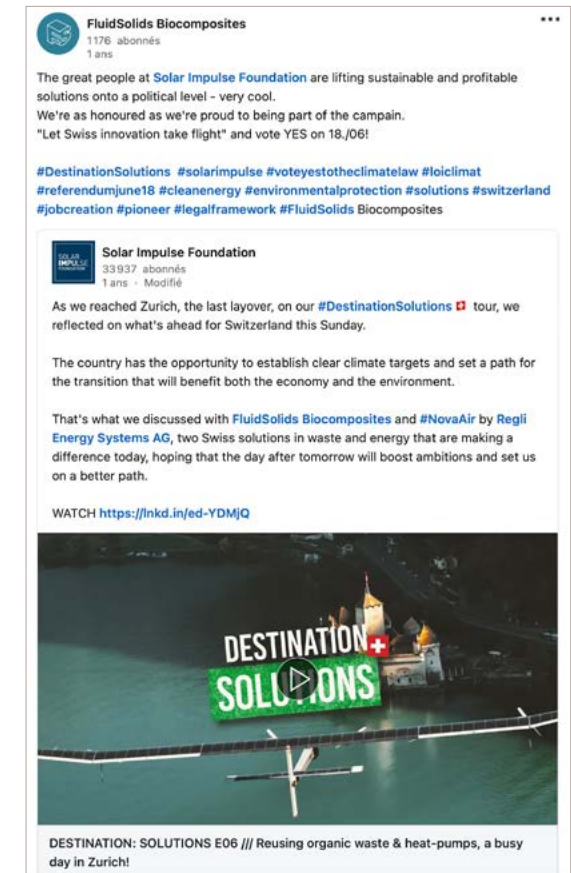
Vote YES Referendum (Climate Law)

In June 2023, the Foundation joined forces with more than 100 organisations, companies and experts from the Swiss clean technology sector to take a stand for the first time in a national referendum: on the Federal Act on Climate Protection Objectives, Innovation and the Strengthening of Energy Security. The reason why the Foundation has taken a stand in favour of this climate protection law is that the technical solutions derived from Swiss innovation are already available today to achieve its objectives without any sacrifice on the part of the population.

As part of this campaign, and to illustrate the opportunities offered by this law and the diversity of clean technologies available to achieve its objectives, the Foundation launched a tour entitled 'Destination: Solutions'. The aim of this initiative was to enable the public to discover Swiss entrepreneurs working in the green economy.



- > ON 18 JUNE 2023, THE LAW WAS ADOPTED BY MORE THAN 60% OF THE POPULATION
- > TOTAL SOCIAL MEDIA IMPRESSIONS: 160,345



“The great people at Solar Impulse Foundation are lifting sustainable and profitable solutions onto a political level – very cool. We're as honoured as we're proud to be part of the campaign. “Let Swiss innovation take flight” and vote YES on 18./06!”
FluidSolids Biocomposites

Ready-to-vote Switzerland initiative



While the Foundation sees the ecological transition as an opportunity not only to stimulate the Swiss economy, but also to improve the quality of life of its population, in May 2023 Bertrand Piccard shared more than 25 legislative proposals with the Swiss Parliament to pave the way for the rapid adoption of clean technology innovations.

- > 27 LEGISLATIVE PROPOSALS
- > 8 DIFFERENT TOPICS COVERED
- > 1 PROPOSAL FORMALLY SUBMITTED
- > TOTAL SOCIAL MEDIA IMPRESSIONS: 416,080

This series of recommendations has been drawn up in collaboration with innovators and legal experts in order to remove the obstacles to the adoption of solutions that protect the environment and are financially viable. The recommendations are designed so that parliamentarians can use them as they see fit - submitting them as they are or developing them with additional input.

EXAMPLES OF PROPOSED MOTIONS:

- > **Proposal number 3:** Creation of a favourable framework for the promotion of grid-connected vehicles (tiko and SMATCH by ENGIE).
- > **Proposal number 9:** Towards more environmentally-friendly public procurement (Dramix by Bekaert)
- > **Proposal number 12:** Facilitating administrative procedures for industrial greenhouses. In favour of a more efficient use of soil (Greenova by CleanGreens Solutions/Air Liquide)
- > **Proposal number 25:** Waste heat recovery in industry (Efficiency Pack by Orcan Energy/Air Liquide)

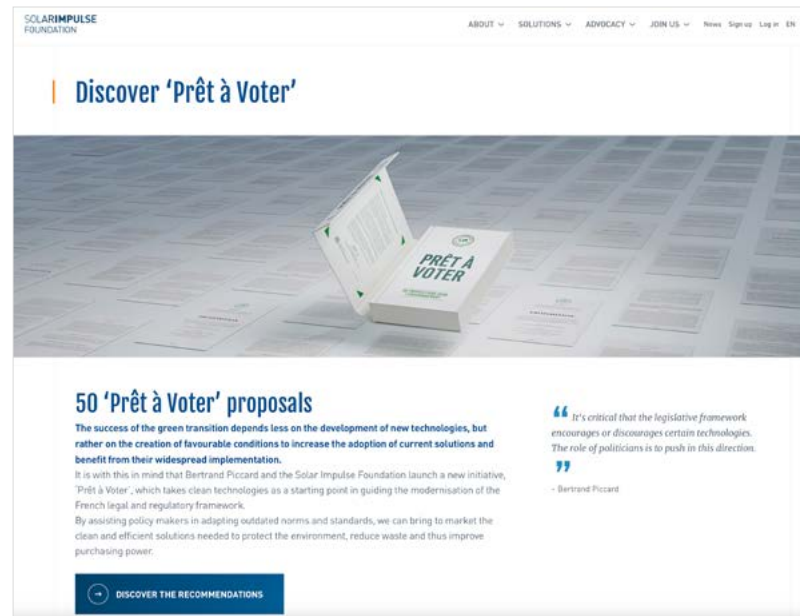


A first recommendation (proposal number 18) called on the Federal Council to set quantified targets for the restoration of degraded soils, particularly agricultural soils. As this motion was submitted in September 2023, it has not yet been examined or approved by the government.



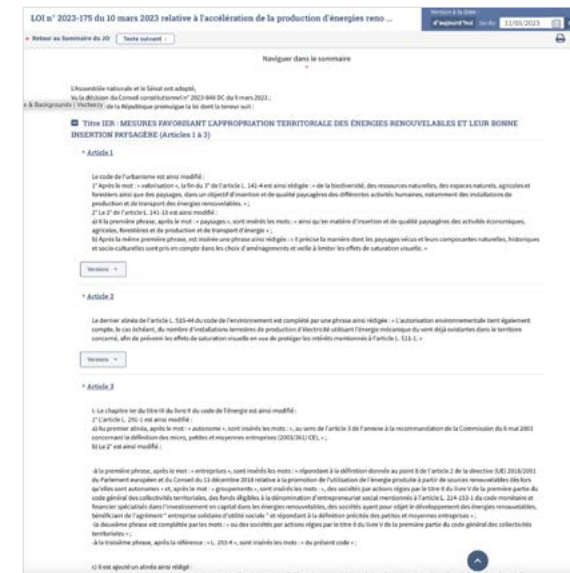
Post-Prêt-à-Voter: "Prêt à Voter" Proposals Included in Renewable Energy Legislation

After releasing Prêt-à-Voter France (2022), which presented 50 proposals to accelerate the ecological transition to government officials, we have intensified our efforts to ensure the adoption of essential legislation. From the moment the bill on accelerating renewable energy production was drafted, we worked with the French President's office to include a provision on floating solar energy (Proposal No. 5). This was retained in the law enacted in March 2023 (Law No. 2023-175), allowing photovoltaic panels on wastelands and brine ponds. Additionally, our proposal to formalise agrivoltaics (Proposal No. 35) was integrated into the Energy Code (Article 54), enabling electricity production on agricultural land while supporting farming. This initiative introduces a new energy goal that benefits farmers with a steady income.



- > 50 LEGISLATIVE PROPOSALS
- > 7 DIFFERENT TOPICS COVERED
- > 6 PROPOSALS FORMALLY SUBMITTED
- > 3 PROPOSALS PASSED INTO LAW

Our advocacy efforts also led to the submission of several amendments, such as Proposal No. 7 (TURPE exemption for self-consumption), Proposal No. 8 (methane recovery), and Proposal No. 11 (residential storage), among others. Notably, geothermal energy (Proposal No. 1), initially overlooked, was successfully included in the bill (Article 82). Through our proactive approach, three Prêt-à-Voter proposals were adopted in the final law.



INSPIRING GENERAL PUBLIC

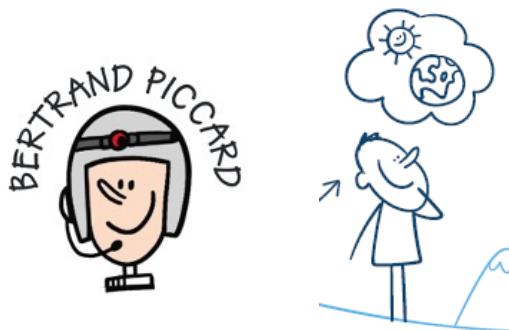
> Instilling pioneering spirit to young generation

At a time when the general public and young people are increasingly concerned about the future of the planet, the mission of the Solar Impulse Foundation is also to inspire the younger generations to take action in the face of environmental challenges in order to build a sustainable future.

The Foundation had published the City Solutions Guide setting out the issues and solutions involved in the ecological transition and, as part of its educational initiatives, was looking to bring it to life in an exhibition. The City of Tomorrow theme was proposed to the Cité des Sciences in Paris in conjunction with their Urgence Climatique exhibition scheduled for spring 2023. A space was available for four months, and the idea of a host exhibition was born. It was a wonderful opportunity and a challenge that the Foundation's team rose to in just a few months.

A mindset to inspire young people

Bertrand's belief in humanity's ability to solve the most complex problems inspires us, in turn, to redefine what is possible. He shows us that each individual, with determination, respect and boldness, can embrace the unknown to encourage creativity and help shape a better future. Bertrand invites us to embrace our own pioneering spirit, a philosophy of adventure that encourages us to break out of our routines and consider other ways of thinking and acting. This spirit can be extended to society as a whole, inspiring us to develop our curiosity and ingenuity to reduce our impact on the planet.



“*Exploration is a mindset in life: letting go of our certainties and embracing the lessons the unknown offers, to accomplish the impossible.*”

Bertrand Piccard



City of Tomorrow exhibition at the Cité des Sciences

Conceived by the Solar Impulse Foundation and hosted by the Cité des Sciences, the City of Tomorrow, an exploration of 1,000+ solutions exhibition promotes a pioneering spirit in the face of the urban challenges of ecological transition.

The exhibition is aimed at families, school-children, students and the general public, and has been designed to be received at different levels, from information and awareness-raising to a deeper understanding of tomorrow's solutions.

Through a fun and interactive tour, visitors will discover innovative solutions capable of contributing to the decarbonisation of cities in the main areas of action: energy, water, construction, mobility, waste and sustainable housing. It's an immersive journey into a world that's already on the way to solving the climate challenge.

Sous le haut patronage de
Monsieur Emmanuel MACRON
Président de la République

cité
sciences
et industrie

présente une exposition de la
SOLARIMPULSE
FOUNDATION

**ville de
demain**
une exploration en 1000+ solutions

20 septembre 2023
— **7 janvier 2024**

© 2023 Cité des Sciences

RÉPUBLIQUE FRANÇAISE
M> Porte de la Villette
cite-sciences.fr
#ExpoVilleDemain

En partenariat avec
HOLCIM
Fondation ENGIE
Avec le soutien de
Clear Channel WE DEMAIN



Concept and objectives

Echoing Urgence Climatique, this exhibition focuses on the challenges of ecological transition in the urban environment, inviting the public to explore the many innovative approaches that today's technologies offer to protect the environment while promoting economic development.

The aim is to give visitors a broad view of the solutions and to accompany them on a thematic exploration, punctuated by demonstrators, videos, 'tried and tested solutions', success stories, animations and commentaries animated by two cartoon characters, one representing Bertrand Piccard and the other a small compass, symbolising a pioneering, exploratory, curious and questioning spirit. The educational content aims to change mindsets and preconceptions about the future, and inspire young people and visitors to discover the innovative technologies and processes that are changing the way we think today.

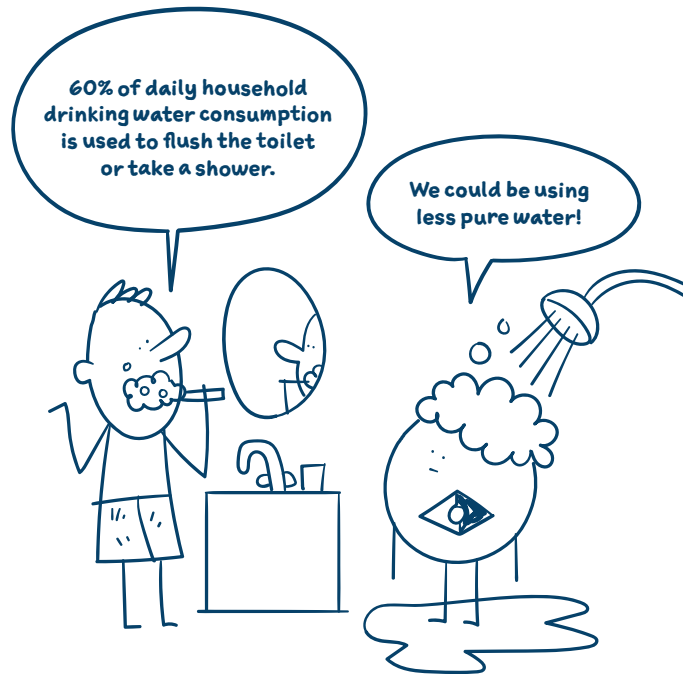
In a constructive and non-partisan spirit, with eco-explorer Bertrand Piccard as its guide, the exhibition also seeks to show that the real urgency today is to do everything possible to speed up the adoption of these efficient solutions. To help decision-makers make sustainable choices and create the conditions that will enable these innovations to replace polluting options, it is first and foremost a question of federating the forces involved.

'Let's break down the barriers! Visitors will leave with this final message, reminding them that these changes can only be brought about by the joint mobilisation of the worlds of innovation and law, committed citizens and politicians, innovative companies and responsible investors.

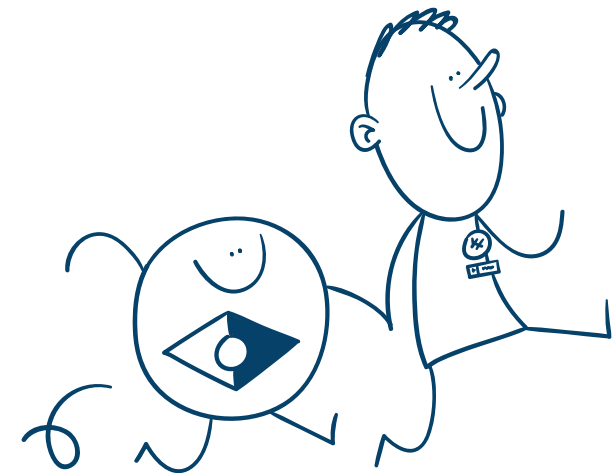


The pioneering spirit and... the spirit of comics as guides

Throughout the exhibition, visitors are accompanied by the exchanges and reflections of two cartoon characters, one representing Bertrand Piccard and the other a small compass, symbolising a pioneering, exploratory, curious and questioning spirit. Created by cartoonist Martin Saive from the Cartoonbase agency, these illustrations bring to life the solutions proposed in the exhibition, making the tour both educational and fun.

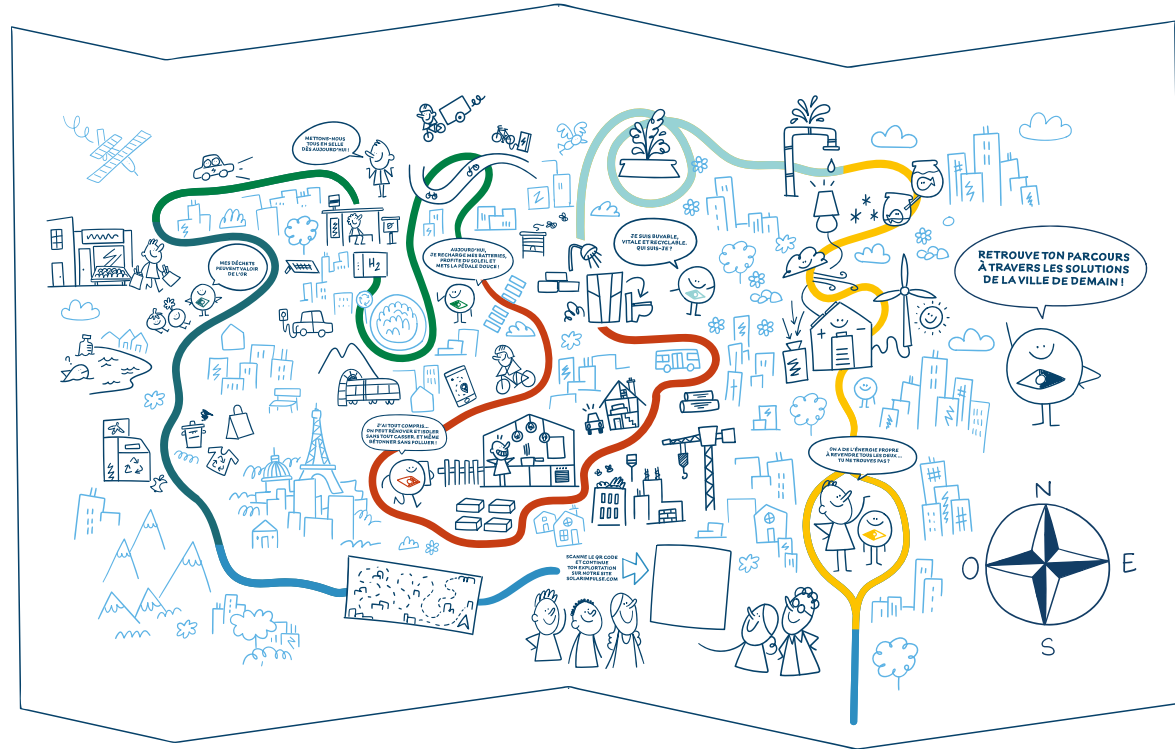


“A unique opportunity presented itself: to become one of the museum's host exhibitions. But we had to do it ourselves! We had to find the funding, find the partners, put together a team, draw up the scenario and the narrative, all while respecting the requirements of a national museum... all in record time. It reminded me of going round the world in a solar plane, surrounded by a dedicated team who were passionate about the objective.” Michèle Piccard

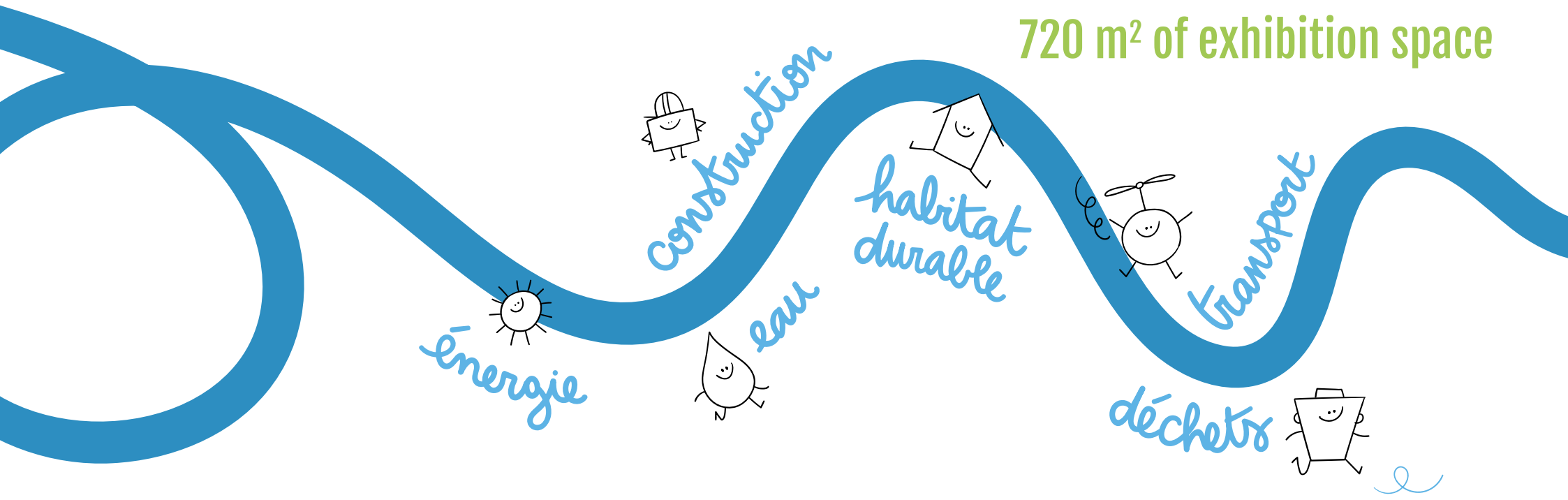


Themes & Solutions presented

A fun-filled trail takes visitors on a journey of discovery through concrete, efficient proposals developed in the fields of energy, water, construction, sustainable housing, mobility and waste management. Following on from the pioneering spirit embodied by the Solar Impulse solar aircraft, on display at the heart of the Cité des sciences et de l'industrie, City of Tomorrow presents the range of possibilities for a sustainable city, making its contribution to building a desirable future.



720 m² of exhibition space



Visitor numbers

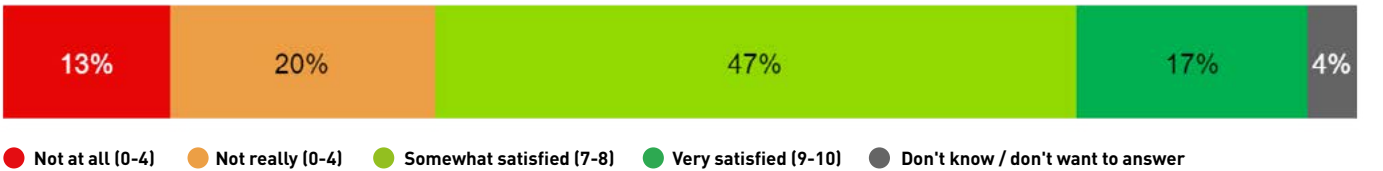
1 in 4 visitors to exhibitions at the Cité des sciences et de l'industrie visited "City of Tomorrow", a total of 62,000 people during the 4 months of the exhibition. Of these, around a quarter said they had come specially for the exhibition, plus 10% of visitors who had also planned to visit during the day. The average visit lasted around 30 minutes. Older visitors (50 minutes for those aged 55 and over) tended to stay longer than younger visitors (20 minutes on average for those under 25).



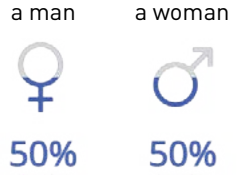
62'000 visitors
over the
4 months of
the exhibition



68% of people found the exhibition interesting



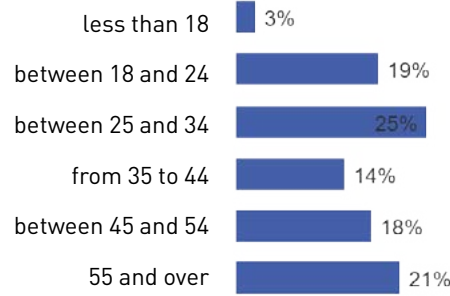
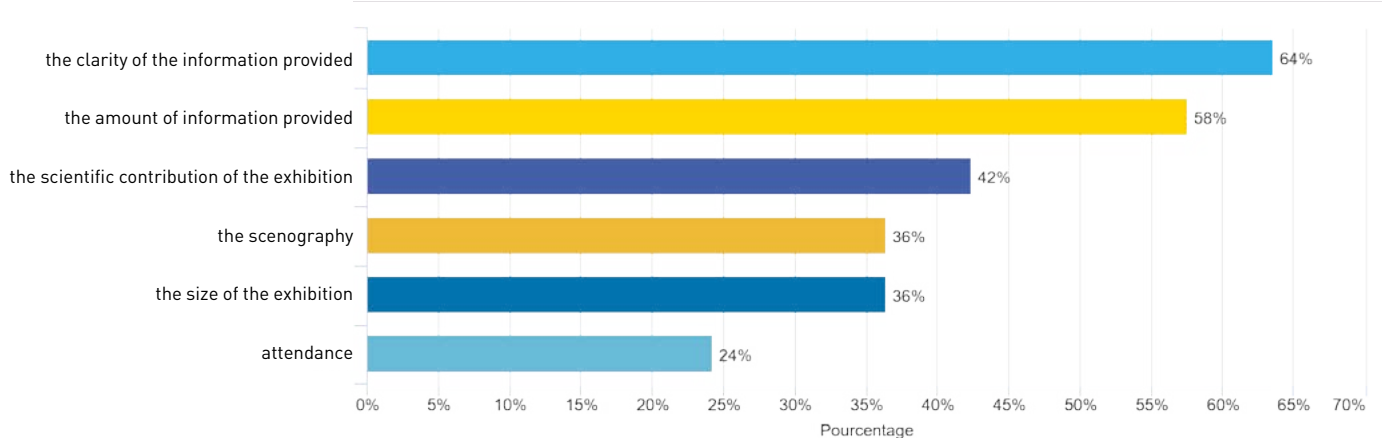
GENDER



AVERAGE AGE

40 years

Of the following criteria, what do you consider to be the 3 main strengths of this exhibition?



Inauguration of the City of Tomorrow

On 19 September 2023, the 'City of Tomorrow' exhibition opened at the heart of the Cité des Sciences, attracting the participation of over 400 people. The event began with keynote speeches from Bruno Maquart, President of Universcience, Bertrand Piccard, President of the Solar Impulse Foundation, Roberto Balzaretti, Swiss Ambassador to France, and Dominique Faure, Minister for Local Government and Rural Affairs. As a prelude to the opening, a VIP tour was organised, allowing our partners and sponsors to explore the exhibition in preview, under the guidance of Michèle and Bertrand Piccard. The evening was then punctuated by the official opening of the 'City of Tomorrow' exhibition at 7.30pm, offering attendees a visual and interactive plunge into societal issues and innovative solutions, magnified by the superb Cartoonbase drawings. At the same time, the opening cocktail set the scene for lively discussions and exchanges.



Science festivals

Every year, the Cité des Sciences opens its doors for two days to the general public, offering events and discussions to help them better understand the subjects presented. On 7 and 8 October 2023, the Solar Impulse team stood in the exhibition alongside teams from Schneider Electric and Holcim to answer a wide range of questions on energy production and management, the efficient and respectful use of water, decarbonisation and innovative construction solutions, waste management and the circular economy. It was so interesting to see visitors' interest in existing solutions and their amazement that such simple and obvious solutions are not applied on a large scale! Hundreds of families, students and couples strolled through the streets of the City of Tomorrow and left with the hope that change is possible.



General Meeting of the BNP Paribas Solar Impulse Venture Fund

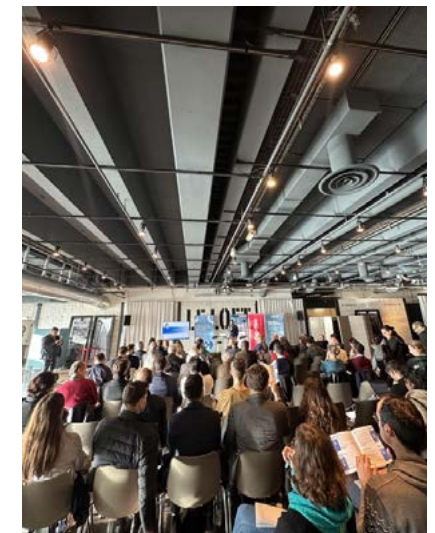
For the fund's first AGM, we suggested that BNPP organise it at the Cité des Sciences, enhancing the experience with a guided tour of the exhibition by Bertrand. The AGM was held on 27 October 2023 and was attended by the fund's investment team, senior executives from the bank, the FSI investment team, the LPs (Limited Partners, or investors in the fund) and the fund's strategic advisory committee. There were also representatives from the four start-ups in which the fund had invested to date, making the investments and their impact very tangible. The morning began with a keynote address by Bertrand Piccard and Antoine Sire, Head of Company Engagement at BNPP. Yann Lagalaye, partner of the BNPP Solar Impulse Venture Fund, presented a summary of the market trends observed by the team, as well as the progress and development of the four start-ups in the portfolio.

The session ended with a number of round-table discussions on the subjects of biodiversity and energy efficiency. Afterwards, participants gathered for lunch, before Bertrand Piccard led them on a guided tour of the exhibition.



Innov'up event: Innovation serving the ecological transition

To celebrate the first anniversary of the Innov'up Expérimentation Transition écologique des territoires programme, an event entitled 'Innovation at the service of the ecological transition of territories' was held on 9 November 2023 at the Cité des Sciences et de l'Industrie in Paris, from 8.30am to 1.30pm. The event brought together the programme's partners, including the Solar Impulse Foundation, the Île-de-France Region, Bpifrance, Cap Digital, and Construire au Futur Habiter le Futur. The day included feedback from start-ups, themed workshops, and concluded with a summary followed by a networking lunch. It was an opportunity to celebrate innovative collaborations between start-ups and local authorities, and to encourage and stimulate new experimentation.



- > 150 PAX PRESENT ON THE D-DAY (1/3 WERE ADOPTERS)
- > 6 TECHNICAL ROUNDTABLES (2 MODERATED BY ENGIE)
- > "RETOUR D'EXPÉRIENCE" BY PROJECTS THAT WERE FINANCED THROUGH THE PROGRAMME



World Alliance Summit

The World Alliance for Efficient Solutions summit, held at the Cité des Sciences on 13 and 14 November, was a platform for exchange and collaboration between alliance members, bringing together more than 200 participants from all over the world. The first day - structured around the themes of access to the market and capital for efficient solutions - was devoted to the Pioneer Awards, where pairs of labeled solutions and their client-adopters shared their success stories, B2B sessions and reverse pitches from investors and clients.



The second day, organised around plenary sessions and focusing more on advocacy issues to accelerate the adoption of clean technologies, saw high-level panellists - including Jean Jouzel, Michal Kurtyka, Maxfield Weiss and Bertrand Piccard - debate concepts such as sobriety and economic development. The Solar Impulse Foundation's partners were also able to share their vision of the role of business in the global deployment of efficient solutions. The summit concluded with an official declaration by the World Alliance, the launch of our RUNWAY platform and free access to the "City of Tomorrow" exhibition.



Activities around the exhibition

Bouygues General Manager Day – Workshop Day

On 22 November 2023, the builders of tomorrow met at the Cité des Sciences to explore the solutions presented in the 'City of Tomorrow' exhibition. Twenty general managers from Bouygues from all over the world began the day with a workshop led by the Solar Impulse Foundation team, then continued in the afternoon with a guided tour of the exhibition.

Aware of the issues at stake and the changes that need to be made, the General Managers were challenged by the number of clean, cost-effective solutions available today, and felt empowered to take responsibility for action. During the workshop, they identified their own ideal solution and discussed the obstacles, opportunities and determining factors for implementing these solutions in cities around the world.



“An inspiring approach is a word that aptly describes the presentations made at our seminar by the Solar Impulse Foundation. The increased awareness of the sustainable and cost-effective solutions that are already available to us was truly enlightening. Understanding as a group the challenges we face and thinking about how to overcome them has been very beneficial, giving motivation to the whole team to be responsible and start taking leadership positions that will make a difference.”

John Boughton, Regional Managing Director, Bouygues UK



Grandes Ecoles Conference

Over 200 students took part in the Grandes Écoles Conference, which began with a visit to the City of Tomorrow exhibition. They then attended a conference hosted by Bertrand Piccard and Mathieu Stefani (host of the podcast Génération Do It Yourself), where Bertrand outlined the challenges of the ecological transition, highlighting obstacles such as lack of investment and administrative barriers. He argued for updating existing laws rather than creating new ones, pointing out that current legislation still allows polluting practices. Piccard also stressed the importance of a linguistic approach to engaging politicians and industry leaders, and emphasised that ecological transition means modernisation, diversification and improved quality of life. The conference stimulated reflection on the challenges and opportunities of sustainable cities, concluding with a question and answer session.



With the support of :



With the collaboration of :




Professional Meetups

Representatives from Holcim, ENGIE, Saint-Gobain, Celsius Energy, Schneider Electric and SOMFY Group shared their backgrounds and experiences with students during the Rencontres Métiers, organised by the Solar Impulse Foundation and Cité des Métiers alongside the City of Tomorrow exhibition. Students were able to find out about the new career paths in the Professions of Tomorrow and find inspiration for their future careers.



LinkedIn


Post de Marjorie CHANTIN

 **Marjorie CHANTIN**
R&D Engineer, open innovation | Holcim
2 mois · Modifié

👩🏫👩🏻👩🏼👩🏽👩🏾👩🏿 Yesterday I had the chance to share my career path with students during a round table organized by [Solar Impulse Foundation](#) and [UNIVERSCIENCE PARTENAIRES](#) at la [Cité des sciences et de l'industrie](#) during a "Rencontres métiers" event on jobs related to the city of tomorrow. It was the opportunity to explain to these young people that it is possible to develop your career through continuing education as I was able to do at [ISTP ingénieurs](#) and thanks to [Holcim](#) who made that possible. Young girls saw that you can be a [#woman](#) and work in [#science](#), in [#construction](#) and at the engineering level.

Thank you [Martina Tasev](#) for thinking of me and [Victoria Smaniotto](#) for the animation

👩🏻 [Martina Tasev](#)
[#womeninscience](#) [#sustainableconstruction](#) [#sharing](#)



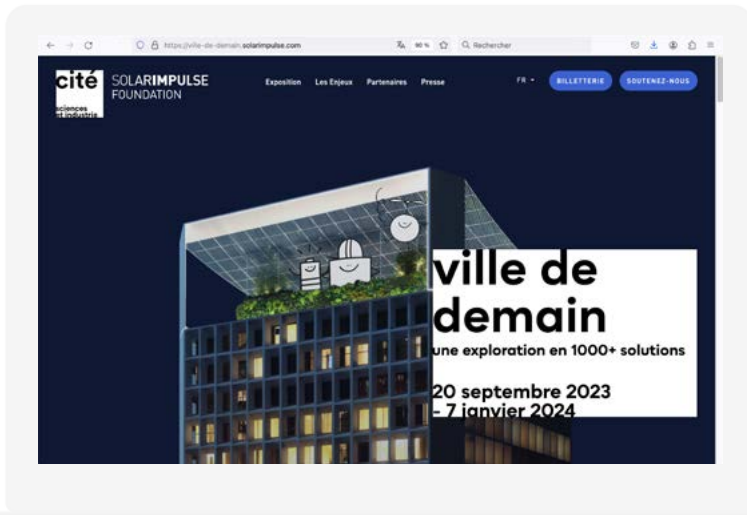
Exhibition website

The Solar Impulse Foundation website

The pages of the Solar Impulse Foundation website dedicated to the exhibition were very popular, with almost 2,000 visitors and 3,000 pages viewed. Almost half the traffic came from France (45%), with the remainder coming from countries such as Switzerland (10%), the USA (7%) and Belgium (5%). Visitors stayed on the site for an average of 52 seconds, and 17% of visitors (352) used the Cité des sciences' online ticketing service.



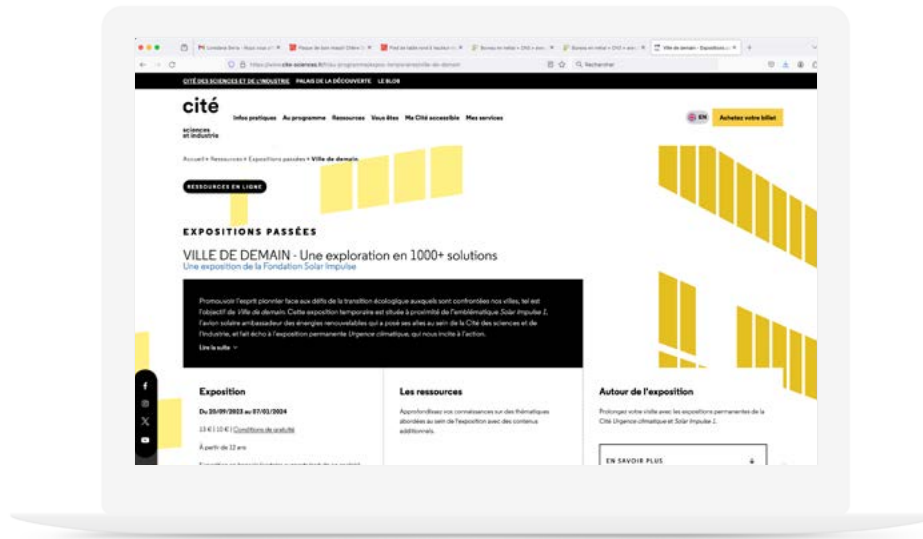
> Nearly 2,000 visitors for 3,000 page views



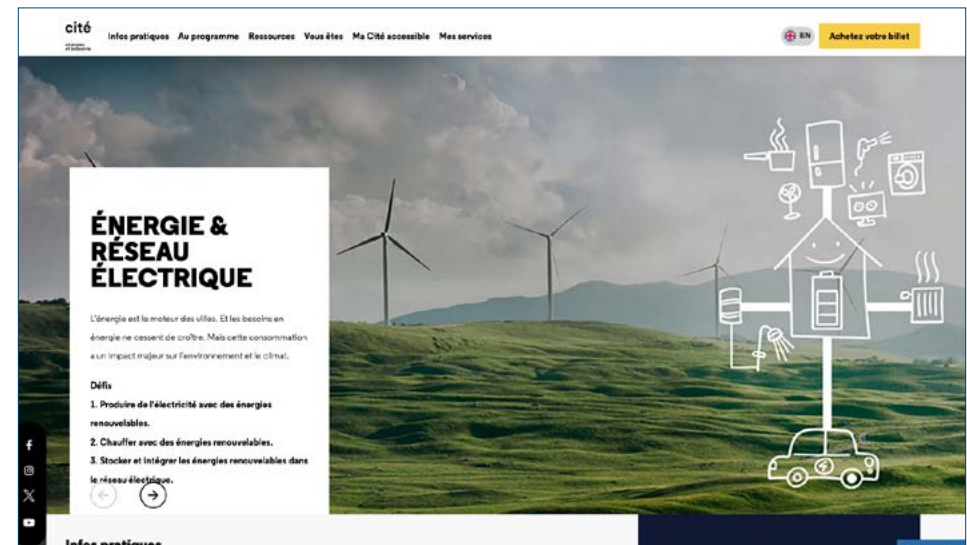
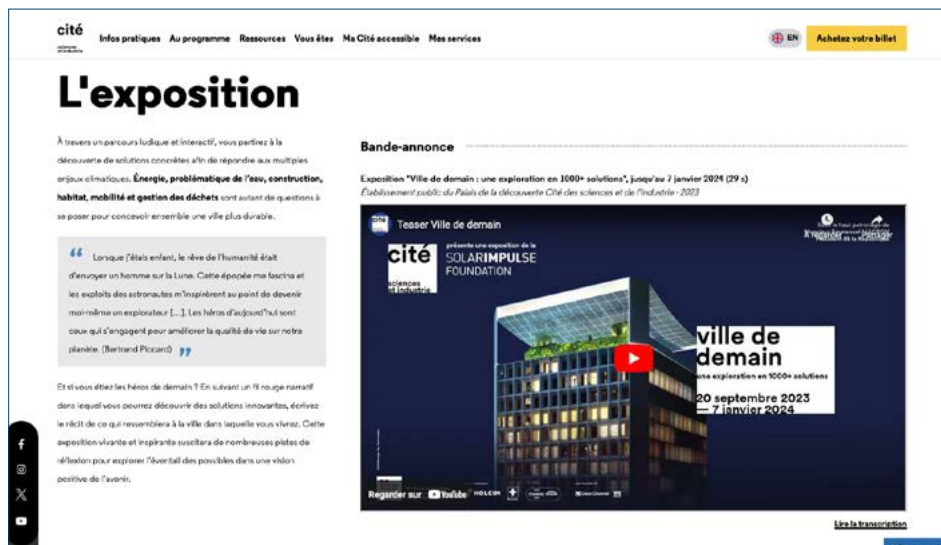
The Cité des Sciences exhibition website

Here are the visitor figures for the 'City of Tomorrow' page on the Cité des sciences et de l'industrie website.

- > Visits: 29,529
- > Visitors: 24,372
- > Pages viewed: 33,799



cite-sciences.fr



Press coverage Exhibition

PRESS FRANCE

Press partnership

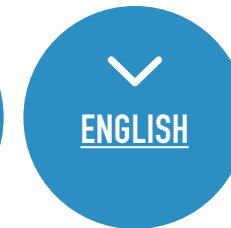
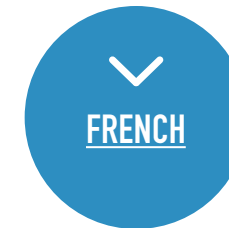
- Clear Chanel display value - 100,000 euros
- 1 advertising page with the exhibition poster - Edition We demain - September 2023

Medias

- [Europe 1 en juin matinale](#)
- [The good](#)
- [RTL](#)
- [France Info TV](#)
- [France Inter](#)
- [Europe 1](#)
- [Usbek et Rica](#)
- [LCI](#)
- [Futura](#)
- [We demain](#)
- [Capital](#)
- [Paris Match](#)
- [Generation do it yourself - Podcast avec Matthieu Stefani](#)
- [Le podcast de Pauline Laigneau](#)
- [BFM Business](#)

- [Sciences et Avenir](#)
 - [L'éléphant La Revue](#)
 - [Geo](#)
 - [Le Café Pédagogique](#)
 - [Sortir à Paris](#)
 - [Telerama](#)
 - [RCF](#)
 - [France Culture](#)
- programme La Science CQFD- City of the futur and water issues of tomorrow
Listen to the podcast on 21 December.

DOWNLOAD THE PRESS KIT
CITY OF TOMORROW



CITY OF TOMORROW

more Press coverage Exhibition



more Press coverage Exhibition

INTERNATIONAL PRESS

- [Blick](#)
- [RSI](#)
- [Leman Bleu TV](#): To be published Dec 6th
- [Le Point](#)
- [Tages-Anzeiger](#)

- [Avenire](#)
- [Constructing a Sustainable Future](#)
- [Telemundo- TV mention](#)
- [LA LIBRE - Belgique](#)
- [RTL.be - Belgique](#)

16 BERTRAND PICCARD UN SUPPLÉMENT THÉMATIQUE DE SMART MEDIA FOCUS.SWISS

Ecologie et rentabilité économique, l'une ne va plus sans l'autre

Pour abriter toutes les personnes issues de l'exode rural et tous les nouveaux habitants de la plaine dans les 20 prochaines années, il faut construire l'équivalent d'une ville comme Manhattan tous les quatre mois», indique Bertrand Piccard. Créée sous l'impulsion de l'explorateur et environnementaliste et inaugurée le 20 septembre à la Cité des Sciences et de l'Industrie, l'exposition Ville de Demain montre comment habiter autrement.

En me baladant dans les différents espaces, j'ai découvert de façon ludique les solutions concrètes proposées pour faire face à l'urgence climatique. L'après-midi, j'ai pu en discuter directement avec Bertrand Piccard, qui m'a raconté dans le langage d'un local parisien, certaines villes car une décision a été prise à un moment donné. On voit alors qu'on peut utiliser des choses parallèlement décarbonées, de beaux moyens, des agents de travail sans armement en acier brochant et polluantes, des pompes à chaleur avec des piles géothermiques qui libèrent de solutions alternatives et leur traitement économique. On crée un effet démultiplicateur de valeur en entrant dans une économie circulaire et efficace.

Un effet démultiplicateur de valeur en entrant dans une économie circulaire et efficace.

La Libre

La transition écologique ne nous obligera pas à sacrifier notre confort

La transition écologique qui fait si peur, n'est rien d'autre que le passage du monde d'hier à celui d'aujourd'hui, avec le cortège d'avantages qui l'accompagne : baisse des factures énergétiques, meilleure utilisation des ressources naturelles, développement d'une économie circulaire... La ville en est un bon exemple.

Publié le 30-09-2023 à 14h00

enregistrer

CONSTRUCTING A SUSTAINABLE FUTURE
by Saint-Gobain

BERTRAND PICCARD: "THE ECOLOGICAL TRANSITION HAS TO BE PROFITABLE OR IT WON'T HAPPEN AT ALL"

ADVOCATES INTERVIEWS 17/10/2023

Avenire

FAMIGLIA VITA ECONOMIA CIVILE OPINION

Home > Agorà > Scienza e Tecnologia

Intervista. Bertrand Piccard: «Esplorare significa pensare l'avvenire»

Daniele Zappalà mercoledì 20 settembre 2023

Parla lo psichiatra, erede di una dinastia di esploratori, primo uomo a fare il giro del mondo in pallone senza scafo e primo su un aereo a propulsione solare. A Parigi una sua mostra sull'energia

Blick

Solution est son mot préféré
Bertrand Piccard: «Désobéir ne fait pas gagner la bataille du climat»

«city that is pleasant for its and bearable for the planet and Piccard has found them! His Foundation is displaying them January 2024. What do they on? They are ecological, tried-and-profitable. Because, for completed the first round-the-a solar-powered plane, is an essential condition in decision makers to move into

L'exposition «Villes de demain» conçue par Solar Impulse vient d'ouvrir ses portes à Paris. L'explorateur suisse Bertrand Piccard en a été la cheville ouvrière. L'occasion de nous convaincre de la justesse de son combat écologique. Interview.

Publié: 20.09.2023 à 16:28 heures
Dernière mise à jour: 20.09.2023 à 15:35 heures

Ökologie und wirtschaftliche Rentabilität - das eine geht nicht mehr ohne das andere

Publié le 30-09-2023 à 14h00

RICHARD WELBY

L'exposition de la fondation Solar Impulse consacrée à la ville de demain a ouvert ses portes ce mercredi 20 septembre à Paris, à ...

more Press coverage Exhibition

CHILDREN'S PRESS

- Le petit quotidien
- Wazup programme, broadcast on the Gulli channel channel Gulli: broadcast on Tuesday 3 October at 9.18am, 1.50pm and 8pm. -presentation of the adventure novel from Bayard Jeunesse: 'Bertrand Piccard, l'homme aux deux tours the world' - launch of the children's launch of the children's book the 'City of Tomorrow' exhibition
- Okapi - 15 October 2023 edition
- L'Actu - 27 September edition



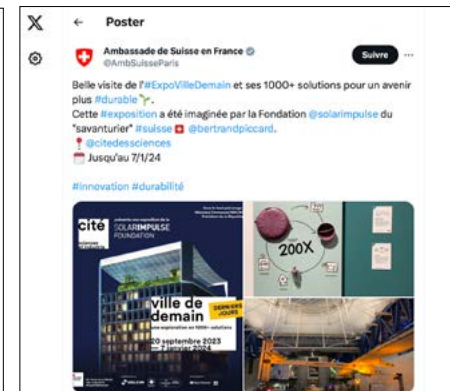
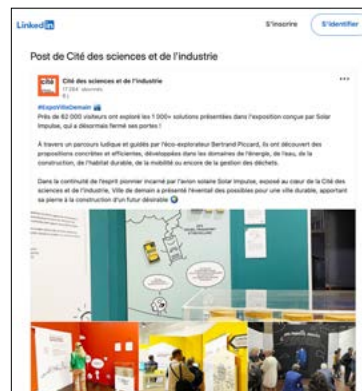
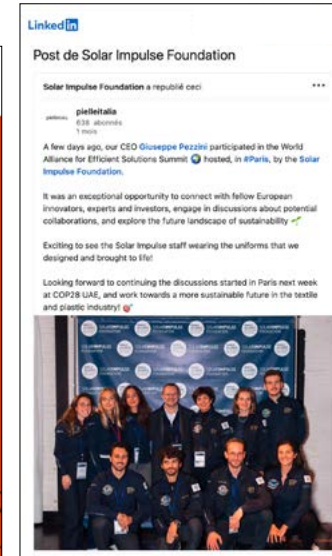
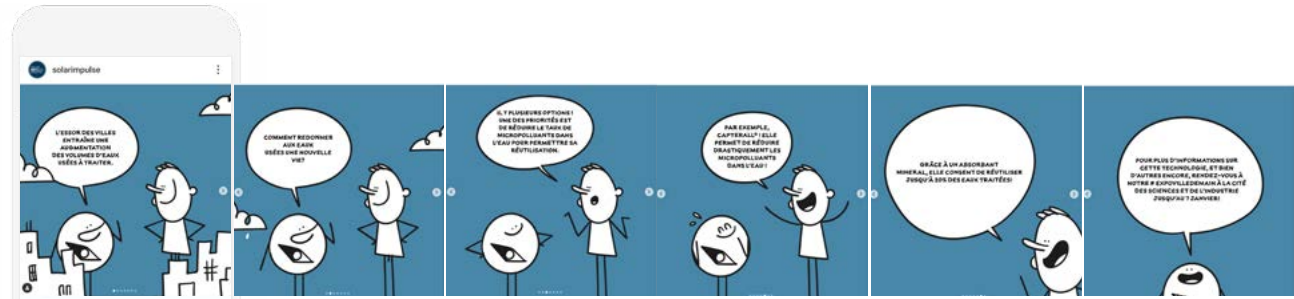
Social networks

Solar Impulse Foundation and Bertrand Piccard

CAMPAIGN START > 31 AUGUST
INAUGURATION > 19-20 SEPTEMBER
WORLD ALLIANCE SUMMIT > 13-14 NOVEMBER

More than 128,000 organic impressions on Solar Impulse social networks (excl. Instagram stories and Bertrand Piccard and Cité des Sciences social networks) as of 19 December, and more than 5,000 engagements on around forty posts. The Solar Impulse Instagram and Facebook stories alone have accumulated more than 32,000 organic views since 31 August. The stories linked to the World Alliance Summit, alongside the Expo, also did well, with over 3,350 views over the 2 days.

The Solar Impulse figures do not include the statistics of the Cité des Sciences et de l'Industrie's social networks, an important contribution to the success of this communication campaign.

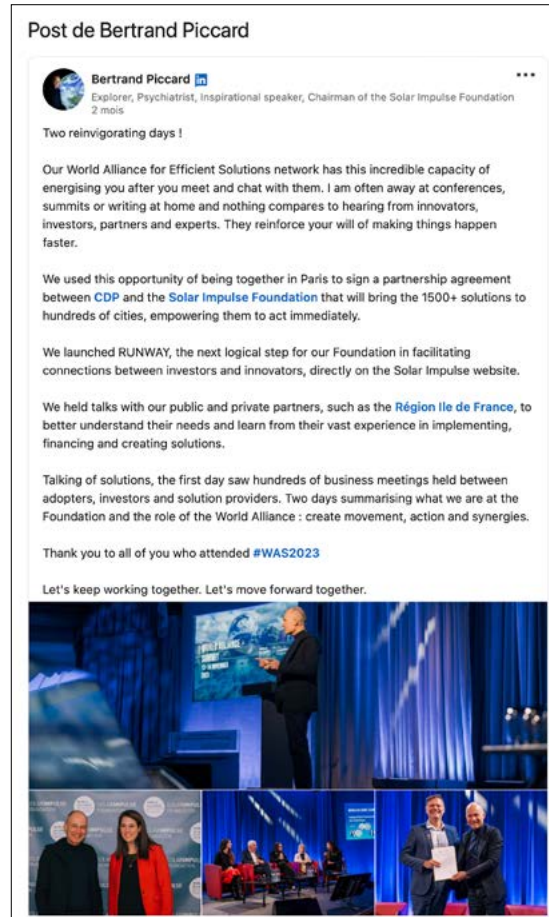


For Bertrand Piccard, the 5 main posts on Facebook and Instagram reached 10,000 impressions. His stories, particularly during the inauguration, reached 4,200 views on Instagram alone.

On LinkedIn, his posts were a huge success. 10,000 impressions were achieved on the post quoting project director Michèle Piccard alone. Her video, posted on 20 September, received over 26,000 impressions and almost 500 reactions. To finish with the inauguration, her post announcing the Expo, via a video, garnered 27,000 impressions, 500 reactions and almost 50 shares.

That's a total of around 100,000 impressions for Bertrand Piccard's account alone, from September to December.

Some relaunches, such as his live video from COP28 for the Grandes Ecoles evening, which garnered 33,000 impressions, were very successful. His post following the World Alliance Summit garnered 25,000 impressions. Both of these posts had over 900 likes.



His video, posted on 20 September, received over 26,000 impressions and almost 500 reactions.



Partners Exhibition

The Solar Impulse Foundation would like to extend its warmest thanks to the companies, foundations, sponsors and the host institution that have made this exhibition possible.



GOLD PARTNER
Holcim

SILVER PARTNERS
Fondation ENGIE
Présence Suisse

BRONZE PARTNERS
BNP Paribas
Eren
Fondation Saint-Exupéry
Fondation Somfy
La Poste
Rothschild & Co
Saint Gobain
SunStyle
Schneider Electric Foundation
SLB -Schlumberger
Truffaut

SPONSORS
Pierre Fabre
Somfy

PARTNERS
France Majoie Le Lous
Daniel et Sylviane Borel

PRESS PARTNERS
We Demain
ClearChannel

COLLABORATION
Taxis Hype

Une fondation une mission, un engagement

La Fondation Solar Impulse ne peut fonctionner que grâce à l'engagement des entreprises, des collectivités territoriales et des personnes qui l'accompagnent dans sa mission. Nos vifs remerciements vont vers eux.

SOLARIMPULSE
FOUNDATION

En soutenant la Fondation Solar Impulse,
ils s'engagent pour des solutions porteuses d'espoir

ENTREPRISES PARTENAIRES

Adeo
Air France
Air Liquide
Bekaert
BNP Paribas
Breitling
Deutsche Telekom
Fondation Engie
Holcim
Movin'On
Fondation Schneider Electric
SLB
Solvay
Soprema

TERRITOIRES PARTENAIRES

Région Grand Est
Région Ile de France
Département Pyrénées Atlantiques

DONATEURS

Eric Freymond
André Hoffmann

En rassemblant leurs expertises,
ils ont permis la réalisation de cette exposition

Direction de projet
Gestion de projet & Coordination
Mise en Scène & Production
Conception éditoriale
Sélection contenus

Fondation Solar Impulse - Michèle Piccard
Fondation Solar Impulse
WMH Project
Michèle Piccard
Fondation Solar Impulse et
la communauté d'Experts de la Fondation Solar Impulse

Rédaction
Illustrations & Animations vidéos
Graphisme
Vidéos
Démonstrateurs

Hervé Genoud et Michèle Piccard
Cartoonbase - Martin Saive
Bontron & Co - Loredana Serra
Fondation Solar Impulse - Marcelline Gamma
Les Innovateurs des solutions labélisées



Access to the photo / video gallery



Our thanks to all the experts who contributed to 'Ville de Demain':

Claude-Alain Roulet, Marc Lacroix, Jean-Bernard Michel, Guy-Noel Sauvion, Miriam Guillamon, Rémi Lantier, Rik Serger, Guillaume Féry, Jan Mertens, Frédéric Maurer, Astrid Behaghel, Thomas Gibon, Renaat Verhelst, Florinda Boschetti, Stéphane Dumarty, Daniel Walser, Richard Ferrer, Filippo Antonio Capizzi.

Operation "Children for the Ocean"

Bertrand Piccard sponsored the 'Children for the Ocean' eco-citizen competition, aimed at cycle 3 pupils aged 8 to 11, inviting them to propose concrete actions in the form of press articles and to create slogans in favour of the marine environment.



milan

Grand concours cycle 3
Les enfants pour l'océan

> Participez

À GAGNER
Un voyage au musée océanographique de Monaco

Logos: cnes, RÉPUBLIQUE FRANÇAISE, OFB, OCE, Office of Climate Education, SOLARIMPULSE FOUNDATION, MONACO

DU 30 SEPTEMBRE AU 6 OCTOBRE 2022

milan

DÈS 8 ANS

N° 365 - 1,65 €

1jour 1actu

Avec ta classe, participe au projet « Les enfants pour l'océan ».

Illustration : Jacques Adam

Les enfants pour l'océan

L'océan est un bien commun à tous les êtres vivants qui peuplent la planète bleue. Que tu vives dans un village, à la montagne, à la campagne, dans une ville ou au bord de la mer, tu as un lien important avec l'océan. Ce numéro spécial te propose de participer

au concours « Les enfants pour l'océan ». Tu vas enquêter avec ta classe pour découvrir ce lien vital, proposer une action pour protéger l'océan et un slogan pour encourager les autres à agir à tes côtés.

Texte : Marie Révillon.

This competition, organised by the French weekly magazine '1 jour, 1 actu', brought together nearly 200 school classes to take part in the live broadcast on 18 October 2023, giving pupils from CM1, CM2 and 6ème across France the chance to listen to Bertrand Piccard talk about the marine world, its fabulous biodiversity and the crucial role played by the ocean in regulating the climate.



**C'est
mon actu**

*C'est une priorité
de protéger l'océan!*

Bertrand Piccard est médecin et explorateur. Il a réalisé un de ses rêves : faire le tour du monde, aux commandes d'un avion solaire, sans utiliser un goutte de carburant. Il est le parrain du concours « Les enfants pour l'océan ».



Educational contents

Over the past years, The Solar Impulse Foundation has created an extensive selection of educational materials that are accessible to schools and families alike. This educational content comprises a variety of resources, such as cartoon videos, TED lessons, and children's brochures, designed to engage young people to become the 'explorers' of tomorrow's world.



If it is possible in the air, it is possible ON earth!

**An infinite number of solutions exist
to change the world**

Conferences in schools

As part of the educational mission of the Foundation Michèle Piccard is giving conferences in schools to share the story of the Solar Impulse project, and raise awareness about climate change. These conferences provide a unique opportunity for students to learn about the importance of renewable energy and sustainability, and to see firsthand how innovation and determination can help us tackle some of the biggest challenges facing our planet.





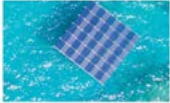
By working with schools in this way, Michèle Piccard encourages the young generation to reflect on the impact of their actions on the planet and inspires them to explore new ways of living that promote sustainability and responsibility.

SOLARIMPULSE FOUNDATION

Energy

Today we can...

...produce it in a clean and renewable way.

Waveroller
Create energy with the waves movement.

Solarsea
Float solar panels on the sea or on large bodies of water.

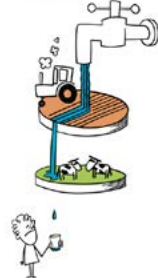

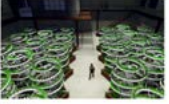
SOLARIMPULSE FOUNDATION

Water

Today we can...

...manage the excessive use of the planet's freshwater reserves

...clean up the freshwater sector by controlling the use of fertilizers, pesticides and other chemicals.

Gjosa
Take inspiration from the water propulsion system of natural geysers to reduce the water used during a shower by 75%!

Nutree
Use plants and microbes naturally present in the soil to locally purify and filter wastewater.




SOLARIMPULSE FOUNDATION

Consumption and production

Today we can...

...make sure everything is biodegradable or transformable into gas

...moving from a linear consumer society to a circular economy where we recycle and recycle waste.

Biopak
Use disposable plant-based cutlery that naturally degrades and turns into fertilizer.


Inex Circular
Connect, via an application, companies so that the waste of one serves as raw material for the other.

SOLARIMPULSE FOUNDATION

Cities and mobility

Today we can...

...raise public awareness, through education and training, to respect nature and invent a more balanced society.


LED
Replace incandescent bulbs with LEDs to consume much less electricity in homes, schools, hospitals, public streetlights, etc.

Winnov
Monitor food waste from restaurants on a «smart» bin to adapt its supply and throw less away.

> Other Mediatic Activities

“Degrowth: Nightmare or Utopia?” A Dialogue with Jean-Marc Jancovici and Bertrand Piccard

In a compelling dialogue hosted by Le Figaro, Jean-Marc Jancovici and Bertrand Piccard engaged in a debate on the concept of “degrowth” and its implications for sustainable development. Jean-Marc Jancovici, engineer, president of The Shift Project and leading figure of the sobriety movement, argued that degrowth is inevitable in addressing climate change, suggesting a necessary reduction in economic activity. In contrast, Bertrand Piccard proposed a “qualitative economy” that emphasises efficiency over mere economic expansion. Piccard highlighted the importance of reducing waste and inefficiency without compromising essential societal advancements like education and healthcare. The discussion underscored the need to rethink traditional economic models, favouring those that balance ecological sustainability, profitability, and human well-being, aligning closely with the mission of the Solar Impulse Foundation.



“ Thanks to all the solutions we are identifying around the world, thanks to everything that allows us to be more efficient and at the same time more economically viable, we face a challenge that I find exciting. It’s the challenge of maintaining a quality-based economy focused on quality rather than quantity.” Bertrand Piccard



Vincent Guerre • 3e et +

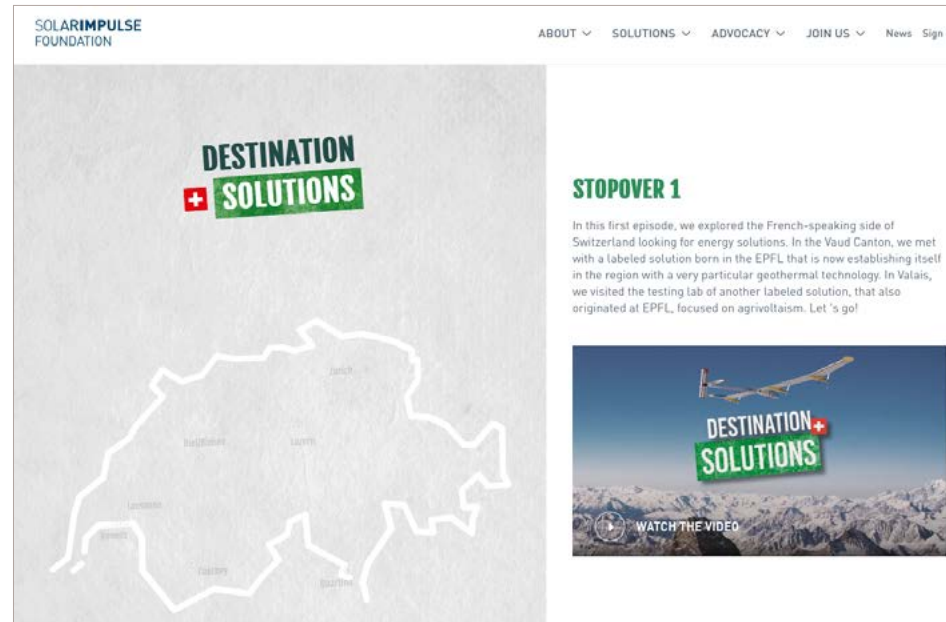
7 mois ...

Director for Trade and Competitiveness at SEA Europe | [🌐](#) Making w...

Merci [Bertrand Piccard](#) et [Jean-Marc Jancovici](#) pour cet échange passionnant et instructif. Il démontre que la complexité des enjeux de durabilité et de transition énergétique peuvent être expliqués simplement et paisiblement.

Campaign “Destination Solutions” showcasing Swiss Innovation

The **Destination Solutions** initiative showcases Switzerland's commitment to sustainability through a series of visits to innovative projects across the country. By exploring groundbreaking solutions in energy efficiency, waste reduction, and sustainable agriculture, the initiative highlights how Swiss entrepreneurs and researchers are driving the transition to a greener future. From harnessing underground heat to reducing food waste with AI, and from integrating solar energy into farming to modernising public infrastructure, these solutions exemplify the innovative spirit needed to address global environmental challenges. Each stop on this journey not only underscores the potential of these technologies but also reinforces Switzerland's role as a leader in sustainable development. A communication campaign was launched, supported by an interactive webpage tracking the 7 stages of the Destination Solution initiative, the campaign achieved substantial online visibility with over 157,000 views across various platforms.



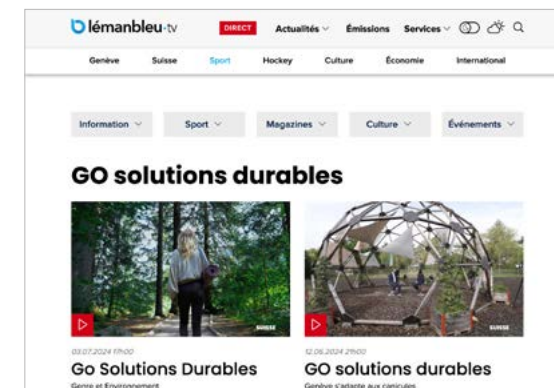
- > 7 EPISODES
- > 12 LABELED SOLUTIONS FEATURED ACROSS EPISODES
- > 157,000 VIEWS ACROSS VARIOUS PLATFORMS



Léman Bleu, Go Solutions Durables and Solar Impulse foundation

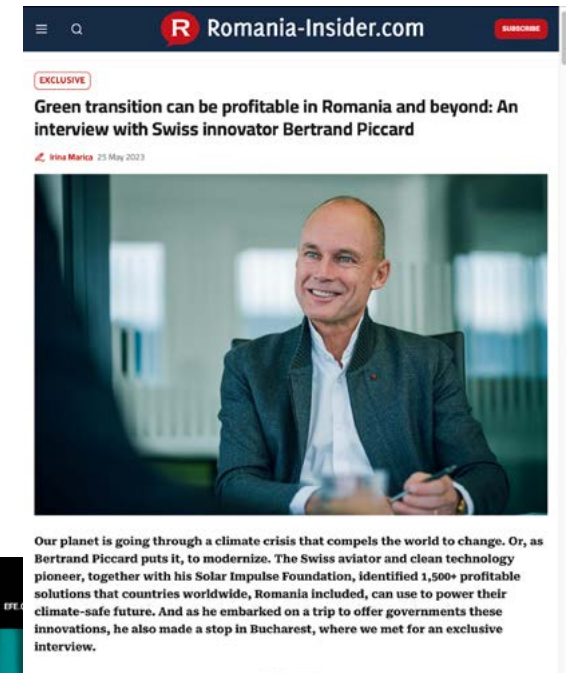
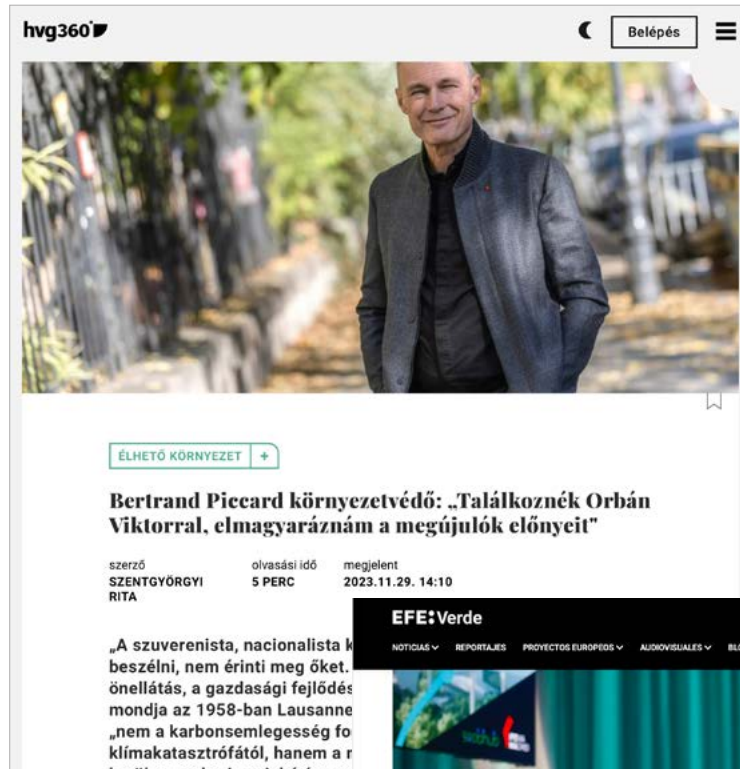
The “**Destination Solutions**” campaign has not only successfully promoted sustainable initiatives but also inspired the creation of an entire season of Swiss television on Léman Bleu titled “Go Solutions Durables.” This series presented by Philippe Verdier, airs once a month on Wednesdays and deals with central themes of sustainable development, from a constructive angle at the crossroads of the economy, society and the environment. During their season 2023-2024, the show showcased 9 labeled solutions, further extending

the campaign's reach by making these innovative projects familiar to the public in Switzerland. In 2023, the chain reported to have 326'000 unique spectators per week.



Media Coverage

In 2023, the Foundation successfully captured significant media attention, contributing to 100 articles across a variety of prominent outlets. This widespread coverage was not only published in the media which has been following the Foundation since the very beginning but during this year, there were new media interested in sharing the Foundation's activities. Highlighting the local level, the Foundation was able to make appearances during the NCEP campaign in **France, Belgium, Poland, Romania, Hungary and Spain.**



Some of the most notable media platforms that featured the Foundation's work included global heavyweights such as CNN, Bloomberg, and Reuters, along with leading European outlets like TF1, BLICK, RTS, EFE VERDE and La Repubblica. Additionally, the Foundation's reach extended to influential publications like Trends Tendances. The Guardian, La Vanguardia, Telemundo and Xinhua News, further solidifying its presence in international media.

- > CNN- 23/04/23 - "To my son, born in the climate crisis: I see signs of hope"
- > La Repubblica 23/04/23 - "Energie rinnovabili, Bertrand Piccard: "Il Sud Italia è una riserva immensa, piena di possibilità"
- > BFMTV - 05/05/2023 - Les pionniers chez Fred Mazzella - vendredi 5 mai



- > BLICK - 19.06.2023- "Solar-Pionier freut sich über Ja an der Urne – aber er will mehr Jetzt lanciert Piccard seinen Klima-Plan"

- > La Vanguardia - "Hay que soltar Lastre: certidumbres, Hábitos y Creencias"



- > RTS - 12/12/23"Selon Bertrand Piccard, il faut parler de rentabilité et non de sacrifices pour accélérer la décarbonation"



- > Telemundo - 19/04/23-" Primera Vuelta al mundo en avión Solar"

- > Sonntagszeitung - 29.12.2023 "Die Geschichte von Bertrand Piccard:Und jetzt möchte der grösste Abenteurer der Schweiz die Welt retten"

- > DAS MAGAZIN - 02/ 23 "Der Grösste Abenteurer der Schweiz will nun die Welt retten"



Carrying the message across the World (Event)

“Smart Solutions for Smart Cities” at the EuroHeat & Power Congress in Turin

In May 2023 Expert Giuseppe Roccasalva (IMAGE), Research Fellow at the Polytechnic University of Turin, represented SIF by participating in a panel titled “Smart Solutions for Smart Cities” at the EuroHeat & Power congress in Turin. Giuseppe shared his contribution as an Expert of the Solar Impulse Foundation, explaining to the audience the type of Solutions he has assessed so far and talked about the potential to apply those in the urban environment.



ENABLING ADOPTION JOURNEY

The Solar Impulse Foundation plays a crucial role in accelerating the adoption of clean technologies and sustainable practices across various sectors. Through partnerships with cities, regions, public markets, and private entities, the Foundation works to create impactful connections between innovators and those seeking sustainable solutions. By organizing matchmaking events, launching targeted challenges, and collaborating with strategic partners, the Foundation fosters the integration of proven, efficient technologies to meet pressing environmental needs. These efforts are vital in scaling solutions that not only address ecological challenges but also drive economic and social progress.

Supporting Cities & Public Markets

Supporting cities is pivotal for driving widespread adoption of clean technologies and sustainable practices. Cities are not only hubs of innovation but also critical arenas for implementing and scaling up environmental solutions. By partnering with regional entities like the Ile-de-France Region and organisations such as CDP, the Foundation is leveraging local and global expertise to accelerate the transition towards greener urban environments.

Ile-de-France Region

In 2023, during its third year of partnership with the Ile-de-France Region, the Solar Impulse Foundation focused on leveraging the Region's 220 labeled solutions to attract adopters, investors, and key partners.

Key initiatives included:

- **Innov'Up Expérimentation Transition Écologique des Territoires:** The Foundation played a crucial role in this program, which finances pilot projects for clean technologies in water, energy, circular economy, construction, and



mobility. We engaged with over 30 potential territories and 60 solution providers. In

November, we hosted an event with 100 stakeholders to celebrate the program's first year.

- **Matchmaking Event – Business Meetings de la Transition Verte:**

On March 22, 2023, the Foundation organized an event in Ile-de-France with over 300 participants, facilitating around 280 pre-qualified speed meetings between adopters and solution providers. Bertrand Piccard also delivered a keynote, and the Innov'Up program was highlighted.

- **Solutions Challenge – Decarbonising Sporting Infrastructure**

In September, the Foundation, in partnership with the Ile-de-France Region, Engie, and Enedis, launched a challenge aimed at accelerating the adoption of sustainable innovations in the organisation of major sporting

events, particularly in preparation for the 2024 Paris Olympics. The challenge sought to combine technological excellence, environmental sustainability, and social engagement in the world of sports. From over 30 qualified applications, Enertime and Stolect were selected as winners. These laureates were provided with valuable opportunities, including a speaking slot at the Ile-de-France Innovation Day, exhibition space at Vivatech 2024, and access to key professional networks within the sports, energy, and innovation sectors. Additionally, they were given the chance to experiment with their solutions in real-world settings, supported by our partners.



Grenoble Metropole

On April 25, 2023, the Solar Impulse Foundation hosted a successful cleantech matchmaking event in Grenoble, connecting over 150 participants with 125 speed-meetings. This event highlighted innovative solutions for reducing environmental footprints, ranging from energy management software to waste heat recovery and green building practices. By facilitating direct interactions between solution providers and potential adopters, the event not only raised awareness about available technologies but also demonstrated their financial benefits. Organized in collaboration with the Metropole of Grenoble-Alpes and Air Liquide, the gathering showcased the value of streamlined, efficient networking for advancing sustainable practices.

Partnership with CDP Cities

The Solar Impulse Foundation is proud to announce the recent signing of an open collaboration with CDP, a global leader in environmental disclosure for investors, companies, cities, states, and regions. This partnership is designed to harness the strengths, resources, and



strategic positions of both organisations to promote sustainable solutions and clean technologies, steering society toward a more sustainable future. SIF, which acts as a broker by recommending practical and proven solutions to decision-makers, will work in tandem with CDP, whose global disclosure platform engages over 23,000 businesses and 1,100 cities in reporting their environmental data and impacts. Through this collaboration, the two organisations will complement each other's efforts. Under this non-binding agreement, they will jointly implement outreach initiatives to expand their audience, share insights on the latest data from cities and companies, participate in joint public and private events to promote sustainable practices and success stories, and enhance opportunities for cross-sector collaboration and investor engagement.

- > 400+ TOTAL NUMBER OF BUSINESS MEETINGS
- > 550 PARTICIPANTS
- > 30 DIFFERENT TERRITORIES



“With this collaboration, we will build bridges by bringing cities and businesses that are committed to environmental action together with those who have the solutions to help them achieve their objectives. At CDP, we believe that partnerships of this kind are the foundation of impactful action to tackle the climate and nature crisis. Change needs to happen now – and it cannot happen in silos.”

Maxfield Weiss, Executive Director of CDP

Media coverage partners

Partner articles with Investir (Les Echos)

Thanks to our collaboration with the French newspaper Investir (Les Echos), Bertrand Piccard has been promoting an important topic every month, each time proposing one of the partners' solutions that could help solve the problem.

- **Faire mieux en consommant moins, axe central de la transition**
(Solvay - Alve-One®)
- **Les déchets ont une valeur**
(Air Liquide - Wagabox®)
- **Une solution béton pour la transition écologique du bâtiment**
(Bekaert - Dramix)
- **Et la lumière fut... maîtrisée**
(Schneider Electric - Implementation of Sage Glass)
- **Isoler pour mieux bâtir**
(Soprema - Pavatex & Univercell)



PANEL WITH CLUB LES ECHOS with

- > **Bekaert**, SLB and Schneider Electric
Club Les Echos brought together
- > **Bertrand Piccard**,
- > **Gwenaëlle Avicé-Huet** (Executive Vice President of Europe Operations),
- > **Yves Kerstens** (CEO of Bekaert) and
- > **Olivier Peyret** (Chairman SLB France & Director Europe SLB New Energy)

On Tuesday 14 November 2023

Together, they discussed the theme “Sustainable cities and energy transition” in order to motivate the audience and show that solutions exist.



THE DISCUSSION WAS BROADCASTED
ONLINE AND AVAILABLE FOR REPLAY

Supporting Private Entities

Empowering private entities is essential for advancing the development and deployment of cutting-edge sustainable technologies. These organisations play a crucial role in innovating and scaling solutions that address environmental challenges. By collaborating with leading businesses, startups, and industry groups, the Foundation is harnessing their expertise and resources to drive significant progress in green technology adoption and sustainability efforts.



ADEO Positive Home Challenge

The Positive Home Challenge is a matchmaking program organized by ADEO and the Solar Impulse Foundation to identify B2C products and services with a better environmental footprint and contributing to responsible consumption. The objective is to support the candidates by accelerating their development or commercialization through the ADEO network and its 1,000 stores, to meet the needs of their 505 million customers.

- 3rd editions
- 135 solutions presented to ADEO's department heads worldwide
- 45 solutions in the testing phase
- 5 solutions in research and development with ADEO
- 8 solutions in the process of large-scale commercialization

The Positive Home Challenge is a groundbreaking matchmaking program organized by ADEO (the 3rd DIY retailer in the world (1st in Europe), and the Solar Impulse Foundation, aimed at identifying B2C products & services with a better environmental footprint and a strong commitment to responsible consumption.



“We are honored to be recognized as a leading force in creating a more sustainable future for our homes and communities.”

CEYES Circular Experts

AVEC
ALTERNATIVE TO PLASTIC ON THE MARKET

Currently on the market main alternatives to plastic are cardboard and high temp molded pulp.

- Not performing well for some heavy products
- High industrialization cost (ok for high volume)
- Expensive for complex shapes
- Time demanding on some assemblies

No alternative

- Heavy, super heavy
- Complex
- High mix
- Low volume (below 50 000 ea)



Home Index by ADEO

The Positive Products approach has led ADEO to create the Home Index, a grade ranging from A to E, attributed to each product. This rating system, unique in the DIY sector, gives consumers an immediate indication of the impact of each product, while providing them with additional information to better understand this impact.

The Solar Impulse Efficient Solution Label is included in this Index as a product that has undergone an assessment process similar to that of an ecolabel.

Microsoft Environmental Startup Accelerator

The Solar Impulse Foundation partnered with Microsoft in the Environmental Startup Accelerator at Station F, playing a pivotal role in the program. The Foundation contributed by helping with the sourcing process from the catalogue of Labeled Solutions, providing experts

from its network for the jury process to evaluate applicants, and then guiding the selected cohort through the Efficient Solution Labeling process over the course of six months. At the end of the acceleration period, 7 of the 10 startups had received the Efficient Solution Label.



“*My involvement with the Foundation has allowed me to witness the brilliance of innovative solutions, mainly through the evaluation of innovations, and also more recently by having the opportunity to be a member of the jury for the Microsoft Environmental Startup Accelerator. All this has reinforced my belief in the potential of sustainable innovation to drive positive change and pave the way toward a more sustainable future. By thinking creatively, we can generate impactful approaches to effectively address environmental challenges!*”

Sandra Hounkonnou, Project Director, Emc2 Conseil



Other Partners' Activities Related to Adoption

BEKAERT SUSTAINABILITY DAYS

15 AND 16 MAY BVA KEYNOTE

Impact Coalition program with Movin'On

In 2023, an ambitious community of interest project was launched with Movin'On. The aim was to select labeled solutions and build a dedicated community to support their deployment. Three solutions were selected: Tiamat, Aeler and Celsius Energy, and preliminary meetings were held to enable these startups to engage with key groups and receive feedback on their respective offerings. The ambition is to continue this work by deploying it on a larger scale in order to leverage the SIF ecosystem to help startups to scale up.

Cultivating our key success factors

EFFICIENT SOLUTIONS LABEL & PORTFOLIO

WORLD ALLIANCE NETWORK

CLEANTECH INVESTMENTS BOOSTING INNOVATION

EFFICIENT SOLUTIONS LABEL PORTFOLIO

At the heart of the Solar Impulse Foundation's efforts is the Efficient Solution Label, which recognizes solutions that are both clean and profitable. Launched in 2018, this Label is central to the Foundation's activities. In 2023, we continued to expand our portfolio, reflecting our commitment to becoming more comprehensive and covering various themes and geographies. Our pool of external independent experts is the driving force behind the certification process, and the Solution Explorer, our comprehensive database, plays a key role in connecting these solutions with global audiences. Our strategy, developed in 2023, aims to make the Solution Explorer the global directory of solutions. We plan to enhance its impact by introducing new categories of solutions and implementing AI to maximize its search capabilities.

The Solar Impulse Efficient Solution Label, introduced in 2018, certifies clean and profitable solutions—such as products, services, or processes—that outperform mainstream market options in both environmental and economic performance. This widely recognized Label is awarded after rigorous assessment by independent experts. Initially created to identify 1,000 solutions, the Foundation reached this goal on April 13, 2021. In December 2021, at COP26, the Foundation launched the Solutions Explorer, a searchable database of these climate solutions.

The certification process undergoes annual updates to maintain high standards, informed by internal assessments and bi-annual audits conducted with EY. In 2023, the Foundation focused on improving the Efficient Solution Label by introducing more stringent evaluation criteria, which will be implemented in 2024. The Label Update Program, introduced in 2022, ensures ongoing quality by allowing solutions to renew their labels every three years through a streamlined application process, ensuring continued alignment with SIF standards.

- > 5 YEARS SINCE ITS LAUNCH
- > 350+ INDEPENDENT EXPERTS EVALUATORS
- > OVER 300+ SOLUTIONS SUBMITTED (IN 2023)
- > 2 INDEPENDENT PROCESS AUDITS TO DATE (1 PLANNED FOR 2024)



“*There is so much confusion facing consumers today. What’s truly helpful? What isn’t? Labeled Solutions can help build that bridge to a sustainable, circular economy because it comes from an authoritative body with one goal, that of quickly identifying the solutions that can save our environment.*”

Olivier Marie, Principal, Delta Energy

Portfolio growth in 2023: A Year of Qualitative Growth

The Solar Impulse Efficient Solution Label, established in 2018, is a prestigious recognition for Solutions in the Cleantech sector. As of 2023, our dedication to this evolving field remains strong. This year, 325 solutions were submitted and 119 new solutions were labeled, bringing our total to 1,503 by the end of the year.

We also focus on maintaining high standards through our Label Update Program (LUP), which started in 2021 and requires labeled Solutions to renew their label every three years. In 2023, 31% of the labels were updated, highlighting our commitment to quality and relevance. This process, combined with new labels, brings the total to 173 Solutions for the year. It demonstrates that Solutions from three years ago continue to excel and evolve.

We aim not just to increase our portfolio but to ensure the lasting impact of our labeled Solutions. In 2023, we implemented a tracking system to monitor engagement and identify inactive Solutions.

Only 14 out of our extensive portfolio were inactive, reflecting the high quality of our label. Our proactive approach, in light of the industry's high startup failure rate, helps us ensure that labeled Solutions remain active and impactful.

Finally, we continuously refine our internal processes to enhance user experience. This year, we improved our Solutions status management with dynamic updates for better flexibility and efficiency, ensuring our platform meets users' evolving needs.

- > +173 LABELED SOLUTIONS IN 2023
- > +325 SOLUTIONS SUBMITTED IN 2023
- > 1503 LABELED SOLUTIONS IN TOTAL BY THE END OF 2023
- > 31% OF THE SOLUTIONS LABELED IN 2023 WERE PART OF THE LABEL UPDATE PROGRAM

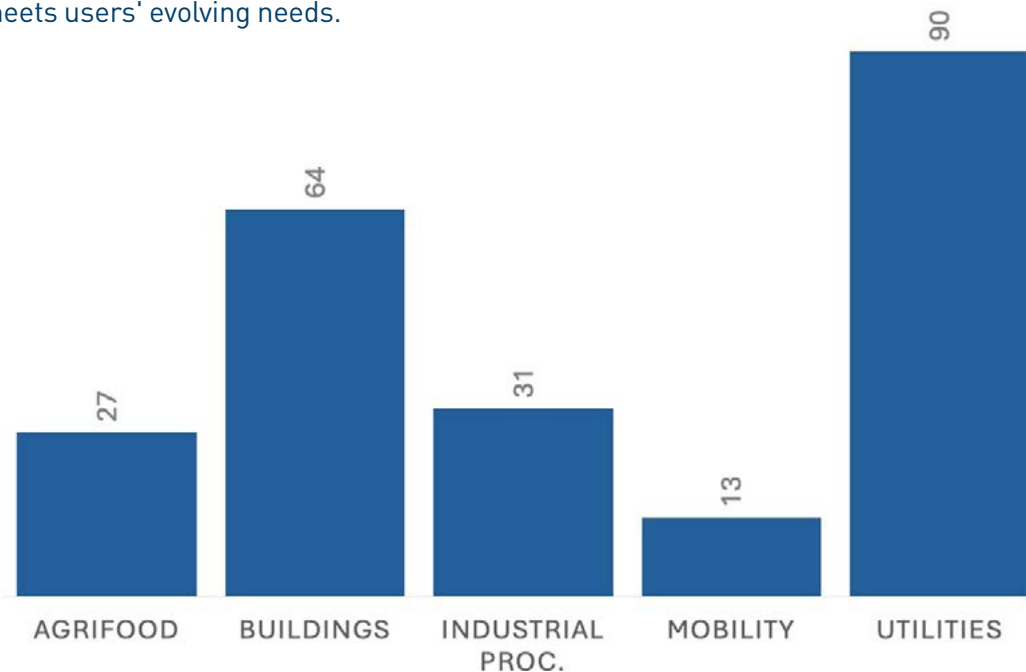


Figure: Solutions labeled in 2023 by sector

- > TRL 6 Prototype testing 1:1 in lab,
- > TRL 7 Prototype testing in real world,
- > TRL 9 / CRI 2 Commercial trial Small Scale,
- > TRL 9 / CRI 3-4 Commercial scale up/ multiple commercial application,
- > TRL9 / CRI 5.6 market competition driving widespread deployment and “bankable” grade asset class.

“This award is a testament to the hard work and innovation of our team at Solutions Will. We are proud to contribute to a greener, more resilient future. Thank you to our team, the Solar Impulse team and our business community for moving the economy in the right direction.”

Will Solutions, LinkedIn Post Solutions after their Label Update

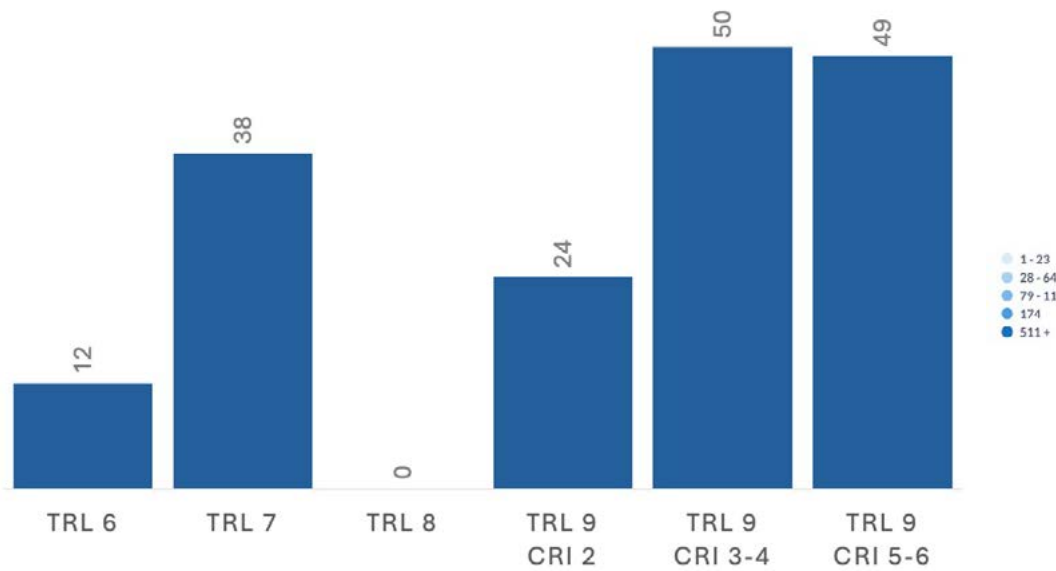


Figure: Solutions labeled in 2023 by maturity

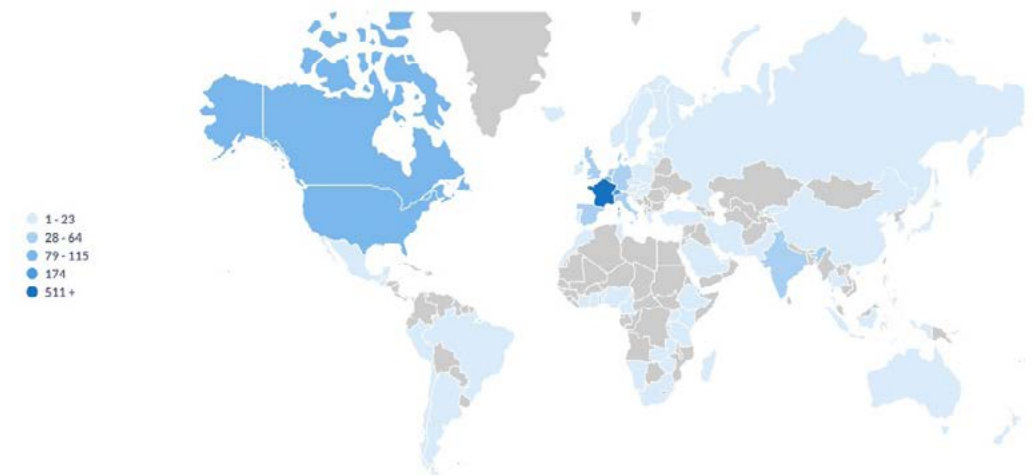


Figure: Countries with labeled solutions at the end of 2023

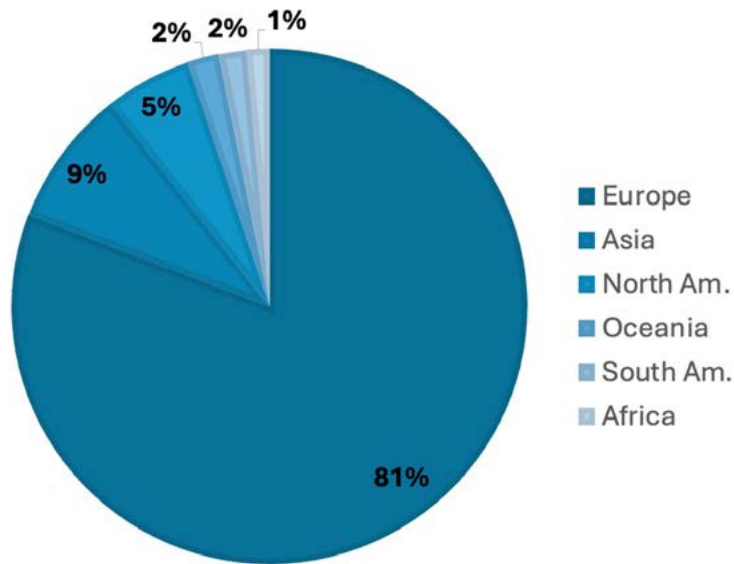


Figure: Experts split by Nationality continent

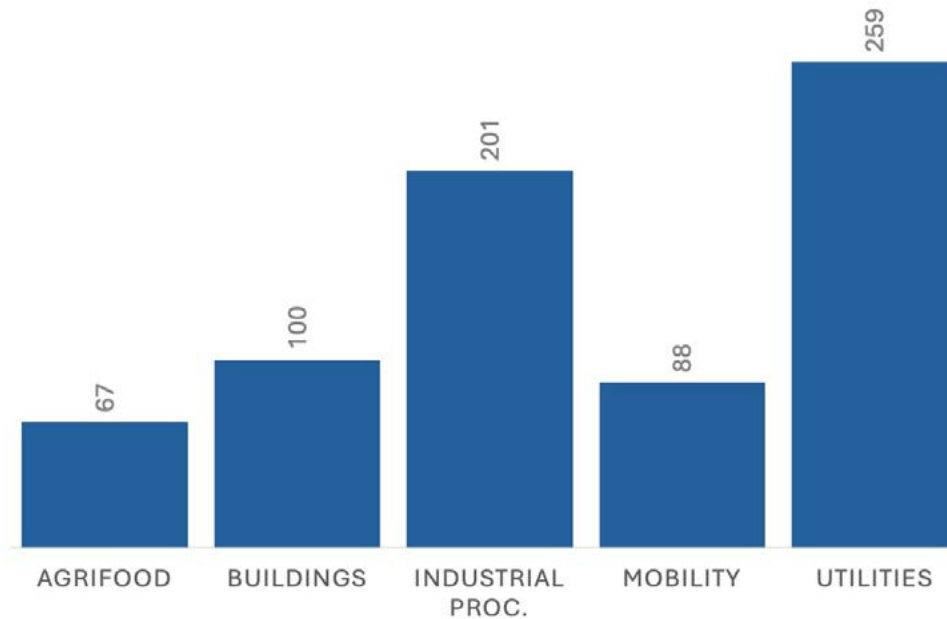


Figure: Experts active in 2023 by sector

Cultivating Internal Expertise

Our secondary focus is also promoting qualitative growth internally by cultivating internal expertise and establishing ourselves as specialists in the key sectors we address. We aim to harness internal knowledge through our extensive portfolio and diverse submissions we receive on a daily basis, positioning ourselves at the forefront of the cleantech landscape as technology scouts —our distinctive added value. Central to our efforts is

the labelling process, where we guide innovators through applications, exposing our engineers in the team to a myriad of Solutions and applications on a daily basis. Rigorous review of the applications ensures that our team is well-versed in the myriad technologies and solutions within our portfolios and beyond.

Our expertise has expanded not only within the Solar Impulse Foundation’s team but also through our extensive Expert Community, which welcomed

over 2070 new experts in 2023, bringing the total to 349370. This diverse group, not only constitute the key actors of our labelling scheme but also adds significant value with their specialised knowledge and frequently contributes feedback, insights, and strategic advice across our various initiatives. Their engagement enhances our capacity to stay ahead of industry trends and refine our approach, ensuring that we continuously advance our role as leaders in the cleantech sector.

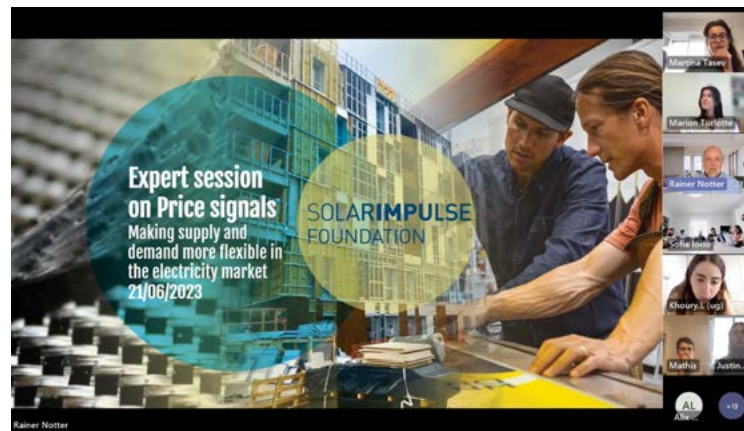
WE HELD TWO KNOWLEDGE-SHARING SESSIONS IN 2023:



1. Carbon Credits with Frédéric Maurer:
 Maurer from the Swiss Federal Office of Energy discussed the Voluntary Carbon Market and the Emissions Trading System (ETS). He highlighted how these mechanisms support climate action by enabling organisations to exceed regulatory requirements and manage emissions effectively.

2. Price Signals in the Electricity Market with Rainer Notter:

Notter, a consultant with extensive experience, explored how price signals influence electricity market dynamics. His session covered how dynamic pricing, demand response programs, and energy storage can optimise supply and demand, supported by case studies and stakeholder insights. These sessions provided valuable insights into carbon markets and electricity pricing, contributing to our commitment to sustainability and innovation.



These sessions provided valuable insights into carbon markets and electricity pricing, contributing to our commitment to sustainability and innovation.



“The key reason I love being part of the Solar Impulse Foundation is that it seeks solutions that embody social responsibility while embracing visionary innovation. Beyond recognitions and labels, the Foundation advocates for the broader adoption of sustainable solutions and aims to inspire a global shift towards clean technologies. Its future impact holds the promise of reshaping industries, fostering sustainability, and advancing our collective environmental goals.”

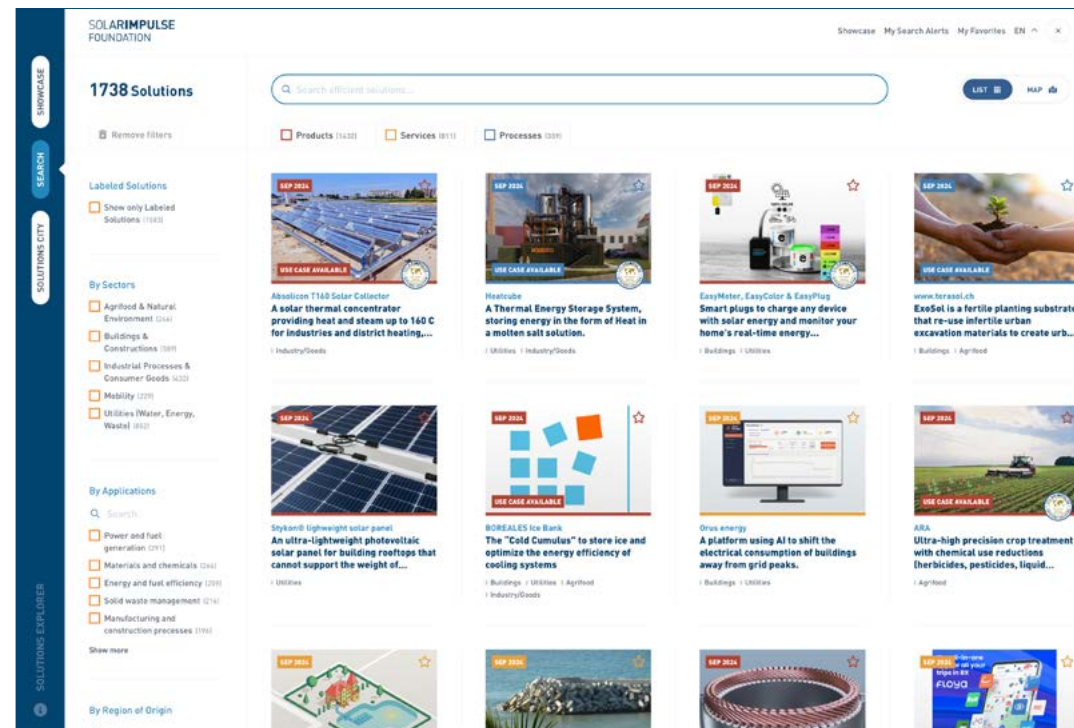
Filippo Antonio Capizzi, Sustainability Solutions Architect, Schneider Electric

Bringing Our Portfolio to Everyone's Fingertips: Solution Explorer

The Solution Explorer, launched by the Solar Impulse Foundation at COP26 in 2021, is a flagship tool designed to help decision-makers, adopters, investors, and the general public find solutions for their environmental challenges. This vital resource is continually adapted to meet evolving demands.

In March 2023, we enhanced the Solution Explorer by integrating a powerful search engine into our website. This advanced search algorithm allows users to navigate the site with ease. Since its launch, the system has handled over 10,000 searches, significantly improving user experience and accessibility.

In parallel, an ongoing SEO strategy since 2020 has successfully positioned the foundation's website on key topics related to solutions and climate change. With 60% of traffic originating from search engines, the foundation ranks prominently for terms like "Solutions to air pollution" and "Solution to water pollution".



In 2023, the Solution Explorer was the most visited feature on our website, generating 678,822 sessions, which accounted for 30% of the total site activity. On average, 1,100 solution pages were viewed daily, contributing to approximately 400,000 sessions that included the consultation of at least one solution page. Each solution was viewed an average of 140 times per year, though this figure highlights a significant disparity in performance and interest:

75% of solutions received fewer than 220 sessions annually, while a select few garnered more than 10,000 views.

- > 10,000 SEARCHES THIS YEAR
- > 1,100 SOLUTION PAGES WERE VIEWED DAILY
- > EACH SOLUTION WAS VIEWED 140 TIMES PER YEAR ON AVERAGE

WORLD ALLIANCE NETWORK

The World Alliance for Efficient Solutions unites leading cleantech innovators and international institutions to foster synergies, identify funding opportunities, and implement impactful, cost-effective solutions to address pressing environmental challenges.

Governance: General Assembly & Advisory Committee

The governance structure of the World Alliance for Efficient Solutions is designed to foster effective collaboration and strategic oversight. Central to this structure is the General Assembly, which convened in 2023 during the WA Summit. The General Assembly, comprising over 4,000 members from diverse sectors such as innovators, investors, adopters, promoters, and experts, represents the broad spectrum of stakeholders committed to advancing efficient solutions. Supporting this assembly is the Presidency, with the Solar Impulse Foundation continuing its role as the highest governing authority, overseeing the organisation's operations. The Committee, consisting of key figures, assists the Presidency in managing the Alliance's affairs and ensuring the alignment with its mission. Complementing these bodies, the newly established Advisory Board brings together a select group of independent experts to provide non-binding strategic advice, promote innovative solutions, and foster partnerships. This board plays a

crucial role in guiding the Alliance towards greater impact and credibility, leveraging their collective expertise to support the deployment of efficient solutions on a global scale.



Denis Leclerc (President and CEO of Écotech Quebec, Chairman of the CanadaCleantech Alliance and Vice-Chairman of the International Cleantech Network's board, Canada),

Rachel Barr (Former VP of Sustainability at UBQ Materials. Climate Change and Circular Economist. Yale YSE/ Princeton WWS alumni, Israel),

Sabine Stuiver (CMO and co-founder of Hydraloop, water conservation expert and thought and change leader, Policy Advisory Committee Member Water Europe, Netherlands),

Louis-Frederic Robin (CTO Energy Solutions at Engie, France),

Sacha Stolp (Director of Innovation for the Future Proof Assets Program of the City of Amsterdam, Netherland),

Iynna Halilou (Early-Stage Investor at Moxxie Ventures, Business Insider Rising-Star VC, Wharton MBA Candidate, United States),

Eric Marty (Managing Partner at DEMETER in charge of Venture Capital activities, named European investor of the year, France),

Cilnette Pienaar (Head of Communications and Publishing at GreenCape, South Africa),

Paulina Janiak (Coach & Mentor EMCC EIA Practitioner European Innovation Council, Italy),

Victoria Olausson (Global Lead One Planet City Challenge at WWF, Sweden),

Wincel Kaufmann (Head of Sustainable Investing for BlackRock Alternatives, Asia Pacific, Singapore),

Philippe Rathle (CFO at Solar Impulse Foundation, Switzerland)

Victoria Smaniotta (Managing Director - Ecosystem Relations and Management at Solar Impulse Foundation, Switzerland).

Expansion of Membership Categories within the Network

In 2023, our CRM database saw impressive growth, with over 480 new companies added each month on average, reflecting a 57% increase. We welcomed 500 new members to the World Alliance Network, including 61 new investors (+84%) and 21 new promoters (+8%). This growth underscores our ongoing commitment to fostering innovation and expanding our network.

Our engagement efforts have been fruitful, with 45% of the World Alliance Network actively engaged since last year, and 80% of labeled companies being active or contacted in the past year. As part of our vigilance in maintaining an updated and high-quality portfolio, we revoked 296 memberships and 14 labels for companies that ceased business activity.

As we continue to grow, we are excited to expand our global reach, with a renewed focus on increasing our presence beyond the EU, where 13% of our labeled members are currently based.



This represents a valuable opportunity for broader international engagement and further diversification of our network.

In 2023, we reached a major milestone by integrating our Experts into the World Alliance for Efficient Solutions. The Solar Impulse Foundation Expert Community, key in evaluating solutions for the Efficient Solution label, has joined a broader network of innovators, investors, adopters, and promoters.

This move enhances connectivity among stakeholders, promotes cleantech advocacy, and speeds up the adoption of clean technologies. Our Experts will provide valuable insights into transformative technologies, advancing our mission to fight climate change.



Connecting cleantech Actors – World Alliance Summit

The Summit of the World Alliance for Efficient Solutions, held at La Cité des Sciences on November 13th and 14th, served as a platform for exchange and collaboration among Alliance members, bringing together over 200 participants from around the world.

The first day, focused on 'Access to Market and Capital' for efficient solutions, was dedicated to the Pioneer Awards. Pairs consisting of labeled solutions and their adopting clients shared their success stories in B2B sessions and reverse pitches from investors and clients. A big part of the day was dedicated to B2B networking sessions, resulting in approximately 200 business meetings.

The second day, organised around plenary sessions, delved more into advocacy issues to accelerate the adoption of clean technologies. High-level panellists, including Jean Jouzel, Michal Kurtyka, Maxfield Weiss, and Bertrand Piccard, debated concepts such as sobriety and economic development. Partners of the Solar Impulse Foundation also shared their vision regarding the role of businesses in the global deployment of efficient solutions. The summit concluded with an official statement from the World Alliance, the launch of our RUNWAY platform, and free access to the 'Ville de demain' exhibition.

- > A PLATFORM FOR EXCHANGE AND COLLABORATION AMONG ALLIANCE MEMBERS
- > APPROXIMATELY 200 BUSINESS MEETINGS TOOK PLACE
- > BERTRAND PICCARD EMPHASIZED THE NEED FOR PIONEERS ACROSS VARIOUS SECTORS TO DRIVE CHANGE

“The format is very effective and the mix of industries and profiles make them a very interesting and enjoyable event to attend. We had the feeling of being part of a very positive initiative, leading change in sustainability.”

Giovanni Sosio, International Growth Lead, Celsius Energy

“Far too often, human beings spend their efforts resisting change and keep on doing what they have always done. This is why we need pioneers in every field, from start-ups to businesses and governments, in order to showcase the advantage of change. If we want a culture of disruption, we need to analyse what we deeply believe and try something else. Always be allowed to criticise the status quo and do something new, something better, something different. With these awards, the Solar Impulse Foundation aims to highlight the crucial contribution of innovating pioneers to the ecological transition.”

Bertrand Piccard, President of the Solar Impulse Foundation. International

Pioneer Awards 2023

In 2023, during the World Alliance Summit, the Solar Impulse Foundation proudly presented the Pioneer Awards to recognize organisations that have effectively implemented Efficient Solutions— processes, products, or services that are proven to be both clean and profitable. These awards highlight the commitment of businesses and institutions to advancing a cleaner, more sustainable economy across diverse sectors such as mobility, agrifood, building, and industry.

The World Alliance for Efficient Solutions Summit focused on fostering networking and adoption. The event showcased pairs of innovative solutions and their clients across four thematic areas: Industry, Building, Mobility, and Food & Agriculture. Three pairs of laureates were selected from each sector to present their cases, with the goal of determining winners based on their pitches. Presentations were evaluated by a jury of four experts, each specialising in one of the thematic areas. The evaluation was based on two key criteria: Impact Score, which assesses the tangible results achieved by the case study,

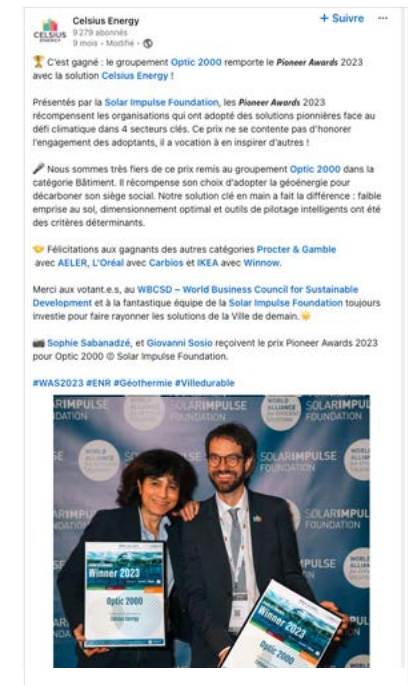


and Replicability Score, which evaluates the potential for the case study to be duplicated or implemented elsewhere to achieve similar results. The Pioneer Awards not only showcase inspiring examples of transformative solutions but also strengthen connections between adopters and innovators. By highlighting successful case studies, the awards underscore the critical role of pioneers who challenge conventional practices and drive the adoption of impactful, profitable technologies. This year's awards were celebrated at the Summit, which also marked the beginning of the Foundation's new partnership with CDP. This collaboration aims to further promote and expand sustainable practices, bridging gaps between solution providers and stakeholders, and enhancing their collective impact on global environmental goals.



“ We are very proud that Carbios' biorecycling technology has been recognised as a pioneering solution. The success of our industrialisation model depends in part on our ability to forge strategic partnerships, such as the close collaboration we have built up with L'Oréal over several years. We share a common vision of accelerating the transition to a circular plastics economy.”

Emmanuel Ladent, Chief Executive Officer of Carbios



CLEANTECH INVESTMENTS

In the dynamic landscape of cleantech, investment plays a pivotal role in driving forward groundbreaking innovations. The Solar Impulse Foundation has taken a significant step in this direction with the launch of RUNWAY, a groundbreaking platform designed to bridge the gap between cleantech innovators with Efficient Solution Labels and investors committed to sustainability. This initiative complements the Solar Impulse Foundation's broader investment-related activities, including e-pitches, direct investments, and strategic matchmaking. With an impressive track record of engagement and substantial investments, the foundation and its partner funds are reinforcing their role as key enablers of growth for high-potential cleantech projects, ultimately advancing the transition to a more sustainable future.

Paving the Way to Cleantech Investments: Launch of Runway

As a result of continued efforts to catalyse investments in labeled solutions, the Solar Impulse Foundation launched RUNWAY, a platform designed to facilitate matchmaking between cleantech innovators and investors. It was unveiled during the World Alliance Summit in front of a broad audience. The platform serves as a virtual meeting point for innovators with solutions that have been awarded the Efficient Solution Label and investors committed to sustainability.

RUNWAY empowers these innovators to efficiently share their funding needs and investment opportunity to a network of professional investors. This connection facilitates meaningful investments in high-potential cleantech projects, helping to drive their growth and generate positive impact.

RUNWAY comes as an additional tool for labeled Solutions to attract capital, and supports investment-related activities from the Solar Impulse Foundation, which includes e-pitches program, direct investments through the Solar Impulse partner funds, and matchmaking with our network.

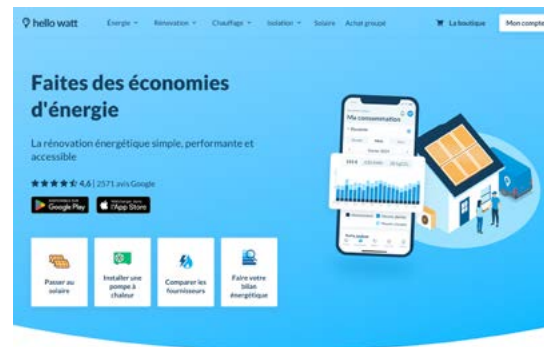
- > 70% OF LABELED SOLUTIONS ARE LOOKING FOR FUNDINGS
- > 3000 PAGES VIEWS IN 2023
- > 650 USERS IN 2023



Deployment of the Solar Impulse Funds

In 2023, our two partner funds continued to attract commitments while deploying the capital already secured in labeled solutions, providing them with fuel to power their growth and develop their positive impact.

Active in the venture capital space, the BNP Paribas Solar Impulse Venture Fund (BNP SIVF) invested in Axioma in April. Axioma is a french agritech company based in Brives-la-Gaillarde producing biostimulants (2 labeled solutions) to protect and enhance plants growth. The fund realised a second investment in Hellowatt, a french player helping homeowners manage their electricity & gas consumption through an application, awarded with the Efficient solution Label, and renovate their homes to reduce the energy bills and GHG emissions associated with them.



Investing in more mature companies, the Five Arrows Sustainable Investments (FASI) fund, managed by Rothschild & Co, completed its 1st transaction in Q1 2023, acquiring an interest in SMRD-Harmonie, a leading player for building renovations, delivering positive environmental and social impacts.

These investments further strengthen the positioning of the Solar Impulse Foundation, and its partner funds, as financial catalysts for the development and growth of efficient solutions replacing old, inefficient and resource intensive technologies.

> More than 300 Millions invested through the funds to support the development of labeled Solutions

> 3 Investments in two key sectors for the ecological transition



Pitch Events and ePitch Sessions

In the context of our mission to accelerate the adoption of clean and profitable solutions we support labeled Solutions in their growth and financial pursuits, while also fostering a network of investors eager to invest in greentech.

We facilitate this through regular pitch events and e-pitch sessions (online), where labeled solutions present their business models, solutions, and growth strategies to a panel of investors. Our objective is to attract investment and enhance visibility within the investment community.

In 2023, we showcased 40 solutions to investors and facilitated 30 connections between innovators and investors. The monthly e pitches sessions cover diverse topics and offer the opportunity to 5 innovators to showcase their solutions to potential investors.



- > 8 INVESTMENT E-PITCH
- > 40 PITCHING COMPANIES
- > 294 INVESTORS
- > 30 CONNECTIONS INNOVATORS & INVESTORS



2023 TOPICS

- Investing in Solutions for Cities: Construction & Buildings
- Investing in Solutions for Cities: Waste Management
- Women's Leadership Against Climate Change
- Investing in Solutions for Cities: Mobility & Logistics
- Taking Action to Preserve Biodiversity
- Healing, Restoring, and Sustaining Our Oceans with the Sustainable Ocean Alliance
- Food & Agriculture
- Solutions for Sustainable Cities with the European Commission

Collaborations

Partners supporting us

The Solar Impulse Foundation and its Partners share a strong long-term vision: a joint commitment in enabling and promoting clean and profitable technologies that have the potential to tackle climate change. Thanks to this continued support, the Solar Impulse Foundation can fulfill its mission, fund the World Alliance for Efficient Solutions and offer all services to its Members entirely free of charge. The Solar Impulse Partners family includes 14 corporate organisations.



The Regions & Cities

International negotiations have for many years operated at the national level of politics, but it is well recognized that cities and sub-national entities have a major role in decarbonising our society. The Solar Impulse Foundation engages with these entities to propose solutions based on their identified needs and help quantify what impact these solutions could have on their territory. By serving as an honest broker, without financial interest in the success of these solutions, the Solar Impulse Foundation acts as an intermediary placed at the center of Innovators' issues and political will. The Région Grand Est has partnered with the Solar Impulse Foundation since December 2019. The Région île de France has partnered with the Solar Impulse Foundation since January 2021.

Regions supporting us



Institutions endorsing us

The Foundation collaborates with numerous international institutions with the aim to demonstrate the business case for environmental protection and to support efforts to move governments, business and civil society toward economic growth that is qualitative rather than quantitative. This form of collaboration takes many forms: advocacy and communications efforts, mutual participation to high-level events, contributions to programs and working groups. Solar Impulse labeled Solutions also benefit from these collaborations via introductions, business opportunities and awareness raising.



Academic Collaborations

In 2023, the Solar Impulse Foundation reinforced its partnerships with leading academic institutions, advancing clean technologies through research, education, and innovation. As part of our mission to promote the adoption of sustainable solutions, collaborating with universities and academic entities worldwide has been vital to harness scientific expertise, boost credibility, and maintain a long-term outlook on sustainability challenges.

These academic partnerships have allowed us to conduct in-depth studies on environmental and social impacts, analyze technological and business trends, and contribute to influential research. Furthermore, they have been instrumental in inspiring and preparing the next generation of sustainability leaders by engaging students in meaningful ways.

Key initiatives in 2023 included supervising MSc and PhD theses, leading research projects, and hosting educational workshops. The Foundation also participated in high-level academic

discussions, delivering lectures on sustainability and innovation at renowned institutions such as EM Lyon and EPFL.

KEY ACADEMIC ACTIVITIES IN 2023:



- **Sustainable Futures Program at EM Lyon:** A 10-week course held from September to December 2023.

EPFL

- Presentation at EPFL: **“From Credibility to Capital: How the Efficient Solution Label Drives Sustainable Innovation,”** delivered in June 2023, with a follow-up scheduled for May 2024.

- Workshop at Collège des Ingénieurs: **“Innovation for Change Program - SDGs Connected,”** held in November 2023.



In addition, SIF continued its active membership in FUSTIC (Future Sustainable Territories, Infrastructures, and Cities), an initiative led by the School of Architecture, Civil and Environmental Engineering (ENAC).

The Foundation also championed effective climate legislation through the PAV Campaign, working alongside 10 entities, including the Enterprise for Society Center (E4S) – a collaboration between EPFL, Université de Lausanne (UNIL), and IMD Business School.

Organisation

Promoters supporting us

Promoters play a key role in advancing the World Alliance for Efficient Solutions' mission. By joining, they commit to expanding access to clean and efficient technologies while boosting their own visibility and influence. Promoters benefit from increased market reach, event amplification, and positioning as leaders in innovation. Their collaboration strengthens global efforts in tackling climate change by connecting solutions, experts, and investors through impactful initiatives. Through this support, the World Alliance continues to grow its network and deliver services free of charge to its members.



“ By engaging with academic institutions, we leverage cutting-edge research and insights to drive sustainable innovation. These partnerships are critical not only to advancing technology but also to shaping the future of climate solutions and nurturing the next generation of leaders.”

Solar Impulse Foundation

[> FULL LIST](#)

The Team

THE TEAM — A SPIRIT AND ACTORS FOR TOMORROW

The spirit of the Solar Impulse Foundation is the cement that brings the team together. Professionals from all walks of life, they know that the future can be written differently, while respecting the quality of life. Driven by their desire to change the world, they are all committed to supporting and accompanying the Foundation's approach. Sharing the same faith in clean technologies, they support and feed Bertrand Piccard's discourse on qualitative growth and invest themselves with passion in the research of new "efficient solutions". Their enthusiasm and commitment make them actors of tomorrow's world.

A pool of multidisciplinary skills

With its 51 employees, including 5 external freelancers, the Foundation has become a real small business that requires attention to internal dynamics and work methods that allow for collaboration, initiative, development of each person's skills and performance.

The objectives set in each department were met and even largely exceeded within an agile organisation, organized by areas of expertise where exchanges between teams facilitate the completion of projects with efficiency and satisfaction.





Professionals from different backgrounds:

- Engineers
- International relations
- Public affairs
- Communication professionals
- Specialists in finance
- Administrative management

DEPARTMENTS:

- Office of the Chairman: 3
- Public affairs: 6
- Outreach: 7
- Operations: 10
- Partners & corporates: 4
- Investors relations: 3
- Communication: 9
- Digital: 5
- Finance & Administration: 3
- Development Asia: 1



NATIONALITIES:

- Switzerland: 23
- France: 17
- The Netherlands: 2
- Belgique: 2
- Portugal: 1
- Czech Republic: 1
- Greece: 1
- Italie: 1
- Mexique: 1
- Argentina: 1
- Bresil: 1



- > 51 employees
- > 5 external collaborators
- > 25 men employees and 2 externs
- > 21 women employees and 3 externs
- > 36 years 10 months average age
- > 3 years 6 months average seniority

After-work esprit de corps

The esprit-de-corps of the Solar Impulse Foundation is the cement that holds the team together. The team members are always enthusiastic and happy to maintain their esprit de corps in after-work sharing moments.



Finance

FINANCIAL SITUATION

Declared as being in the public interest in 2007, the Solar Impulse Foundation benefits from a tax exemption, both at cantonal and federal level. About 80% of its funding is provided by companies and patrons who are both donors to the Foundation and active participants in its campaigns, in particular in the challenge of identifying 1,000 efficient Solutions. The remaining 20% are supplemented by partnerships concluded with national and regional institutions in order to help them to develop a coherent environmental and economic policy, and to highlight Solutions available in their own territory. Apart from this funding, the Foundation generates no income from its activities.

Analytical Accounts of the Foundation for 2023

| | | 2023 | 2022 | |
|-----------------------------------|------------|------------------|-----------|-----|
| Partner donations | | 4 155 694 | 4 266 461 | CHF |
| Institutional partnerships | | 1 029 013 | 656 110 | CHF |
| Funding | | 5 184 707 | 4 922 572 | CHF |
| Wages | 69% | 4 066 989 | 3 793 954 | CHF |
| Fees | 15% | 897 888 | 856 679 | CHF |
| Expenses | 16% | 951 911 | 981 981 | CHF |
| Result | | -732 081 | -710 043 | CHF |

The Foundation benefits from tax exempt status at the federal and state level. Its financial statements are examined every year by statutory auditors (Fidexaudit Revision SA) in Lausanne.

Partner Donations:

Slight decrease of 3% compared to 2022, with a new partnership (Bekaert) and the end of a previous one (LVMH).

Institutional financing:

Increase of 36% compared to 2022, with the arrival of investment funds from BNP Paribas and Banque Rothschild, as well as a collaboration mandate with Total Énergies, which more than compensated for the loss of the contract with the Grand-Est region.

Salaries and fees

Slight increase of 3% compared to 2022, with a nearly stable workforce.

Operating Expenses:

Up nearly 16% from 2022. This is primarily due to increased communication costs.

The Foundation's financial statements are reviewed annually by the statutory auditors (Fidexaudit Revision SA) in Lausanne. Their report on the approval of the accounts is available

MOVING FORWARD

Our success is based on the collaboration, solidarity and commitment of our growing network of partners, experts and solution providers. Together, we will continue to demonstrate that the challenges we face can be transformed into opportunities for progress and prosperity. As we look to the future, based on the direction set by our Ambition 2030 strategy, we remain firmly anchored in our mission: to prove that solutions exist to move our societies towards greater efficiency, greater sustainability and a better quality of life. And to accelerate their adoption, everywhere and by everyone. We still have a long way to go, but every step we take today is a step in the right direction. The Solar Impulse Foundation is ready to take up this challenge, with passion, determination and optimism.

Project Direction

Michèle Piccard

Assistant

Héloïse Lauener

Graphic Arts

Bontron & Co, Genève

Written by

Michèle Piccard
Sabrina Cipullo
Jonathan Derain
Jean Constantines
Philippe Rathle
Héloïse Lauener
& the Solar Impulse
Foundation team

Photo Credits

All pictures and illustrations
are sourced from the
iconographic inventory of the
Solar Impulse Foundation

Solar Impulse Foundation

Chemin Montolivet 19
CH-1006 Lausanne
Switzerland

solarimpulse.com
bertrandpiccard.com

©Solar Impulse Foundation

MODERN REGULATIONS - LOGICAL - THIS IS HOW TO ACT NOW
ROAD MAPS - PROTECTION OF THE PURCHASE POWER
NEW BUSINESS OPPORTUNITIES - SHORT TERM BENEFITS
IMPROVING HUMAN QUALITY OF LIFE - CLEAN - SOLUTIONS
ALLOWING SAVINGS - DIVERSIFICATION - MODERN REGULATIONS
EXISTING TECHNOLOGIES - EFFICIENCY - LOGICAL
WE CAN BE MORE MODERN - QUALITY - ECONOMIC IMPERATIVE
MODERNISATION - PROFITABLE INVESTMENT - SOLUTIONS
OPPORTUNITY - NEW PROFESSIONS - ROAD MAPS - CHALLENGING
CURRENT GENERATIONS - ADVANTAGES - SHORT TERM BENEFITS
EFFICIENCY - MODERN REGULATIONS - LOGICAL
THIS IS HOW TO ACT NOW - NEW BUSINESS OPPORTUNITIES
PROTECTION OF THE PURCHASE POWER - CHALLENGING
IMPROVING HUMAN QUALITY OF LIFE - CLEAN - NEW BUSINESS
SHORT TERM BENEFITS - ALLOWING SAVINGS - DIVERSIFICATION
EXISTING TECHNOLOGIES - WE CAN BE MORE MODERN - QUALITY
ECONOMIC IMPERATIVE - PROFITABLE INVESTMENT - SOLUTIONS
MODERNISATION