TARA EXPEDITIONS FOUNDATION IN BRIEF

INTRODUCTION

The Tara Expeditions Foundation is the first French foundation to be recognized by the French government as a public utility dedicated to the Ocean. The Foundation takes a unique and innovative approach to ocean science aimed at better anticipating the impact of climate change.

High level scientific expertise is used to raise awareness and educate younger generations, mobilise policy makers and allow developing countries to access this new knowledge.

The Tara Foundation is a Special Observer at the United Nations and actively participates in the 2030 Agenda of the UN’s Sustainable Development Goals. As a floating laboratory, the schooner Tara has traveled nearly 248,548 miles, making ports of call in more than 60 countries during 11 expeditions conducted in collaboration with international laboratories and organizations of excellence (CNRS, CEA, EMBL, PSL, MIT, NASA, etc).

OUR MAJOR EXPEDITIONS

— TARA ARCTIC (2006-2008): Arctic drift conducted 113 years after the Fram in 1893

— TARA OCEANS (2009-2013): First global study of the planktonic ecosystem

— TARA MEDITERRANEAN (2014): Study of plastic pollution in the marine ecosystem


KEY NUMBERS

— Project founded in 2003
— 11 expeditions
— 100,000 microscopic marine species discovered
— More than 150 millions genes from marine organisms discovered
— Nearly 248,548 miles traveled over the world’s oceans
— 7 scientists, 6 sailors, an artist and a journalist permanently on board for each expedition
— More than 80,000 samples collected
— More than 70 scientific publications, including 7 articles in the prestigious journals *Nature* and *Science*
— 150,000 children toured the boat in France and many other countries thanks to our educational outreach program
— 2 millions visitors at Tara exhibitions
— Annual budget of 2,954,783 euros
TARA EXPEDITIONS FOUNDATION 2017 ANNUAL REPORT

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The year 2017 ended well for the Ocean since the United Nations decided on December 24 to launch a negotiation phase (starting in 2018) concerning the use of half the surface of our beautiful planet: the High Sea.

Five years of dialogue since the Rio + 20 Earth Summit. Five years before making the decision to start negotiating an agreement. Working together with 196 member states is extremely slow. Yet multilateralism is indispensable and we find ourselves saying “So what if it took 5 years?” considering the importance of sustainably managing our planet.

In today’s world, our relation to time – the impatience and thirst for immediacy – compromise our ability to think in the long term. The entire research sector, so vital to democracies, has difficulty being heard by society. Sensational headlines often eclipse basic information. For the Tara Expeditions Foundation, providing a platform for scientific research, educational outreach, increasing knowledge about our planet today in order to prevent crises in the future – this is our purpose. The Ocean and its biological diversity (much of it is invisible) preserves our climate, feeds the world and connects us with each other. Will this be the situation tomorrow? Can we adopt a long term view – this idea of sustainability?

At the beginning of the 21st century, DNA technology, the vision of scientists working with the Tara Foundation, and 10 years of concerted efforts have opened our eyes to the immense diversity of life in the Ocean. This new world must be identified and described in order to better protect it. Like members of a family, we need to share information, to ensure that the Ocean is used in a sustainable way. Scientists have established their goals. Now we have to put wind in Tara’s sails.

Providing the necessary financial support for scientific research and education outreach program would not be possible without the help of all our donors, our private and public partners whom I wish to thank personally for their support – longterm, recent or future.

Welcome aboard! There’s plenty of room on this wonderful adventure.
2017 was a busy year for Tara on all fronts. The schooner traveled almost 18,641 miles, visited 14 Pacific countries, studied 17 coral reefs, and welcomed the public at many ports of call. The Foundation team successfully fulfilled their goals, respecting safety measures, the budget and planned agenda. Great progress was made in raising public awareness during stopovers, expanding our educational outreach program in France, participating in political advocacy and developing the Foundation’s resources. I would like to express my appreciation and gratitude to the men and women members of the the Tara team, and to all our partners, sponsors and donors who made the Tara scientific and educational adventure a dream come true.

1/ SCIENCE.
A SENTINEL OF CORAL REEFS, TARA BEARS WITNESS TO SEVERE EPISODES OF BLEACHING

The Tara Pacific expedition studied 17 reefs in both hemispheres, thereby documenting a wide variety of ecosystems. Our research led us to remark a surprising heterogeneity in the state of health of these reefs. Tara visited certain reefs during, or after, an episode of bleaching. We were surprised by the differences in their state of health, even though they were sometimes only about 62 miles apart. Climate change, especially the rise of temperature, is the aggravating factor, but stresses inflicted by local activities are also important - effluents, nitrates, untreated sewage, but also overfishing, typhoons, etc.

2/ EDUCATION.

The Tara Foundation program designed for the French educational system was carefully structured following our decision to strengthen our educational activites in 2016. The number of participating school districts increased, as did training programs for teachers. The “Coulisses de Laboratoires” project (using laboratory equipment to approach science) is a growing success and was reinforced in 2017 thanks to a new sponsor, the Casden Bank and the edition of the notebook “Carnets de Labos”. Our “Education for Sustainable Development” project has been restructured and continues with the “Echos d’escales” program. Finally, with 2016-2017 success of the interdisciplinary video project “Graines de Reporters Scientifiques” and thanks to the invaluable help of the French Ministry of Education’s Inspectors, partners in this state-of-the-art educational tool.

3/ RAISING AWARENESS.

High points of Tara’s outreach activities in 2017 were stopovers in Japan and New Zealand. A strategic country for the Ocean and fisheries, Japan was the focus of significant efforts on the part of the Foundation: the schooner made 8 ports of call there in 2 months. Nearly 10,000 visitors were welcomed aboard for guided tours in Japanese by student volunteers. The public TV channel NHK co-produced and aired in prime-time a new, 73-minute documentary about the Tara Foundation and expeditions, seen by nearly 35 million Japanese people. To pursue this work over the long term, an offshoot of the Tara Foundation was created in 2017 under Japanese law. The schooner will make 3 more stopovers in Japan in 2018. As for Auckland, New Zealand, the home of our deceased friend Sir Peter Blake, Tara’s visit was a deeply emotional event. The schooner (then named “Seamaster”) had not returned to Auckland since the day it left the port with Sir Peter Blake at the helm in 1999.
4/ ADVOCACY.
A DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT PROCLAIMED BY THE UN

Tara’s advocacy actions in 2017 developed around several priority themes defined by the Foundation in recent years, namely the governance of biodiversity in the High Seas, management of plastic pollution at sea, climate issues and the preservation of coral reefs. Following the COP21, there has been growing interest in Ocean issues on the part of policy makers, even within the G7. Tara was honored in 2017 to be the “Ambassador for Ocean Governance” during several major international events, including at the United Nations in New York, in Fiji during the first UN Conference on the Ocean, and in Malta at the “Our Ocean” conference.

THE TARA EXPEDITIONS FOUNDATION SUPPORTS THE UN SUSTAINABLE DEVELOPMENT GOALS

- **RESEARCH**
  - Encouraging international and interdisciplinary cooperation between partner institutions to expand data and advance scientific knowledge.
  - Promoting scientific knowledge
    - Preparing and disseminating results published in international journals by partner research institutions.
  - Sharing scientific data
    - Creating and making available a comprehensive database on marine biodiversity to international laboratories.

- **COOPERATION & DEVELOPMENT**
  - Strengthening research capacities
    - Facilitating the emergence of new research networks in developing countries through the development of partnerships with partner laboratories to facilitate the transfer of technology and knowledge.
  - Developing decision-support tools
    - Providing policy makers with a strong scientific expertise (fish stock management, identification of marine areas to protect, actions against climate change, etc.).

- **EXPLORATION**
  - Organizing oceanographic expeditions
    - Supporting global ocean projects that meet scientific needs and priorities, including the scientific arm of Tara’s research operations abroad.
  - Collecting scientific data
    - Making an optimal working environment available to ensure quality data for scientific measurements and exchanging the data collected out at sea from research teams.

- **OUTREACH & AWARENESS**
  - Raising the general awareness
    - Implementing talks and events to raise public awareness (conference, exhibitions, documentaries and publications), raising interest among international media to disseminate information.
  - Communicating during stopovers
    - Organizing and hosting visits aboard Tara, presenting exhibitions, organizing and facilitating meetings with key stakeholders and populations.
  - Educating young generations
    - Developing in collaboration with the Ministry of French Education comprehensive educational tools for students aged 5-18. Preparing training modules for teachers.

THE UN GOALS FOR A SUSTAINABLE DEVELOPMENT OF THE OCEANS

1. Promote and significantly reduce marine pollution of all forms, in particular of plastics.
2. Achieve a significant reduction in Illegal, unreported and unregulated fishing.
3. By 2020, improve the economic and environmental performance of fisheries and achieve sustainable, equitable management and conservation of living marine resources including through effective implementation of TACs and catch limits.
4. By 2020, reduce by at least half the proportion of ocean areas affected by pollution, with a particular focus on plastic pollution.
5. Conserve at least 10% of coastal and marine areas, consistent with national and international laws and based on the best available scientific information.
6. Prevent and significantly reduce all forms of marine pollution, in particular of plastics, including by 2030, a) significantly reduce inputs of all marine polluting substances and b) substantially reduce the occurrence of marine debris.
**HIGH POINTS OF 2017**

**VICTORIES FOR THE OCEAN**

The UN finally voted a resolution on December 24, 2017 to launch the negotiations concerning the High Seas. The Tara Foundation recapitulates here the main decisions and commitments taken throughout 2017 for the preservation of the Ocean.

1 - **THE OCEAN CONFERENCE.** The first United Nations conference on the Ocean took place in June 2017 in New York, with massive participation of many nation states and civil society. For the first time an event entirely dedicated to the Ocean took place in the great hall of the UN. Finally!

2 - **SUSTAINABLE DEVELOPMENT OBJECTIVES.** At the Ocean Conference, participants from nation states and civil society mobilized to advance the commitments for the Sustainable Development Goal No.14 on the Ocean. To support the different objectives (marine protected areas, sustainable fisheries, preservation of ecosystems), hundreds of commitments were proposed by NGOs, governments, the private sector and multilateral agencies.

3 - **A SPECIAL ENVOY FOR THE OCEAN.** The UN Secretary General confirmed the appointment of a special envoy for the Ocean. Inspired by the success of the work led by special envoys for other themes like nutrition, the General Assembly endorsed the appointment of Mr. Peter Thomson from Fiji Islands, as Special Envoy for the oceans. This decision follows a political will to advance the themes related to the Ocean within the United Nations.

4 - **GOVERNANCE OF THE HIGH SEAS.** The Intergovernmental Conference on high seas biodiversity was confirmed by the UN General Assembly in December, after the decision taken by the preparatory conference in September. On December 24th, the United Nations General Assembly then adopted the resolution that allowed the negotiations to begin.

5 - **RECOGNITION OF THE OCEAN AND THE CLIMATE WITHIN THE CLIMATE CONVENTION (UNFCCC).** With the Fijian presidency of COP23 on climate change, for the first time the States requested a “point on the agenda” of the UNFCCC (United Nations Framework Convention on Climate Change) on the ocean. The proposal for an “Ocean Pathway” in the Climate Convention was presented in Bonn last November and was supported by many countries. This decision follows the mobilization obtained at COP21 in Paris by the Ocean and Climate Platform (ocean-climate.org), which managed to include the Ocean in the text of the Paris Agreement.

6 - **SUCCES OF THE « OUR OCEAN » CONFERENCE.** In parallel with official meetings in the framework of the United Nations, the «Our Ocean» event, launched by John Kerry in 2014 in the United States, continued to develop and evolved into an important annual meeting for the Oceanic Community. Organized in 2017 at Malta by the European Commission, the conference «Our Ocean» brought together thousands of participants and is now an important event mobilizing civil society and international media.

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Coral reefs cover less than 0.2% of the ocean floor but account for nearly 30% of the known marine biodiversity. The Pacific Ocean alone concentrates more than 40% of the planet's coral reefs. Affected by global warming, ocean acidification and increasing human activities, many reefs have died in recent years. Coral reef ecosystems play a vital ecological and economic role. Given their extreme sensitivity to environmental variations, they are good indicators of the Ocean’s health. For the Tara Foundation, the study of coral reefs is a way of sharing with the general public the environmental issues affecting this major ecosystem so vital for humanity.

Tara Pacific scientists are trying to answer two major questions: 1. How does this fragile ecosystem work? and 2. What is its capacity to adapt to climate change? They are interested in the evolution of these ecosystems in the context of climate change and demographic trends (pollution, urbanization, fishing practices, etc.).

UNPRECEDENTED OBSERVATIONS:
While the mission focuses primarily on the biological responses of coral to environmental upheavals, Tara has observed massive bleaching events related to global warming.
— In Polynesia, bleaching has reached 30-50% in some Tuamotu islands.
— On certain sites in the Pitcairn Islands, almost 70% of the coral was affected by bleaching.
— In Samoa, bleaching had touched 90% and resulted in the death of the coral colonies.
— In Micronesia, some reefs in Tuvalu Islands and Kiribati, were already dead before Tara’s arrival.
— The reefs of Wallis and Futuna have been relatively preserved.
— In the northern Pacific, despite the cooler waters, reefs have not escaped bleaching: up to 70% in Okinawa, Japan.
In 2017, the schooner took samples at 12 different sites across the Pacific Ocean between the Tuvalu Islands and Papua New Guinea. In addition, environmental parameters were recorded at every sampling site.

**JANUARY 2017 (Chief scientist: Didier Zoccola, Scientific Center of Monaco)**

**Site 12 - Tuvalu**
We were not able to collect all the targeted species since massive coral (Porites spp.) was rare and fire coral (Millepora spp.) was absent. At these sampling sites, the scientists observed many crustose coralline algae (CCA). They are investigating the role of CCA on the reef.

**Site 13 - Kiribati**
Due to bad weather and adverse conditions, the team had to choose alternate sampling sites from those originally planned. Samples from these sites showed reefs in poor health, or recently dead, the aftermath of bleaching periods in the preceding years. Tara crossed the equator before arriving in Kiribati.

**Site 14 - Chuuk**
The sampling sites were dominated by the species Porites spp. with a very low presence of other targeted species. Many skeletons of Acropora spp. and Pocillopora spp. were observed, suggesting that these two species were largely victims of the temperature anomaly observed in 2016.

**Site 15 - Guam**
The team had to deal with bad weather and chose different sampling sites from those initially planned. Scientists observed a strong presence of the Acanthaster starfish (a predator of coral). Samples were taken from sites with thin or dense coral cover, and the team found an absence of medium-sized and large fish.

**FEBRUARY 2017**

**Site 16.1 - Ogasawara - Japan**
The reefs of Ogasawara are reduced to a few sheltered areas due to the depth of the underwater topography and the island’s exposure to environmental conditions (strong wind, swells, etc). Macro-algae appeared to have been dominating the coral species for several years, and the reefs have been heavily damaged from the collection of red coral.

**MARCH 2017 (Chief scientist: Sylvain Agostini, University of Tsukuba, Japan)**

**LEG 5**

**Site 16.2 - Tokyo Bay - Japan**
On this leg, samples were collected at acidified and non-acidified sites. The presence of natural volcanic CO2 permitted scientists to extrapolate the impact of atmospheric CO2. Samples were also collected from warm sites and cooler sites which will help predict the evolution of the coral reefs exposed to global change. Throughout the journey on the coast between Tokyo and Sesoko, we observed a strong impact of pollution in aerosol samples.
HIGH POINTS OF 2017

SCIENCE

APRIL 2017
Site 17 - Sesoko (Okinawa - Japan)
The Sesoko site represents the limit of the distribution area for the tropical species we sampled during the expedition and will provide information on the capacity of corals to adapt.

JUNE 2017 (Chief scientist: Serge Planes, CNRS / UPVD / EPHE / CRIOBE)
Site 18 - Fidji
3 sites were sampled as planned. Despite the presence of Acanthaster observed on site 1, the reefs were in good health. The stopover in Fiji was also an opportunity for the Tara Foundation to organize a conference in collaboration with the University of South Pacific and the UN for World Ocean Day.

SEPTEMBER 2017 (Chief scientist: Chris Voolstra, King Abdullah University of Science and Technology)
Site 19 - Great Barrier Reef (Swain reef)
4 sites (including one on Heron Island) were sampled on the Great Barrier Reef in collaboration with Ove Guldberg of the Heron Island Research Station. The sites were south of the Great Barrier Reef, in a zone less affected by the massive bleaching of 2016. This will help put future results into historical context thanks to the data of the station implanted here for more than 40 years. Scientists were able to observe the aftermath of massive bleaching between 2015-2017 and a large pod of humpback whales with their young.

Site 20 - Chesterfield
Despite being close to the Great Barrier Reef, researchers were amazed by the good health of the reefs. Scientists and crew were fortunate to observe green turtles mating thanks to the isolated character of this archipelago and its low exposure to anthropogenic impact.

Site 21 - Noumea
The expedition continued with sampling in the lagoon of Noumea, the largest French lagoon (second to that of the Great Barrier Reef). Core samples were taken from a second species of coral, Diploastrea heliopora, to investigate the history of the reefs. This species has a higher growth rate than that of the other species we normally sample, Porites lobata. A special mission was also conducted by the local team from the Research Institute for Development (IRD) on fish biodiversity (6 species targeted).

OCTOBER 2017 (Chief scientist: Rebecca Vega Thurber, Oregon State University)
Site 22 - Solomon Islands
The end of 2017 was marked by Tara’s arrival in the Coral Triangle. The scientific team was amazed by the very high diversity of forms and color in the Solomon Islands reefs. These islands are home to nearly 500 species of corals. This site was an opportunity to meet the local WWF team who shared with Tara’s scientists their environmental observations. The principal mission of the WWF team is educating the local population.
NOVEMBER 2017

Site 23 - Papua New Guinea - Milne Bay
This first stop in Papua New Guinea confirmed the expectations of scientists who found a high diversity of coral species! Milne Bay was also an opportunity to conduct a site-specific study on hydrothermal vents that naturally emit CO2. Such studies can help us predict the evolution of coral reefs, victims of ocean acidification. This stopover also marked our first meeting with local people and a visit to their village. Many inhabitants then arrived in their canoes and came aboard Tara. These friendly encounters were moments of sharing information and good will.

LEG 6
Site 24 - Papua New Guinea - Kimbe Bay
(Chief scientist: Emilie Boissin, CRIOBE)
The warm waters of Kimbe Bay were the site for this mission specifically dedicated to biodiversity. Sponges, ascidians, cnidarians and echinoderms were inventoried, collected and photographed. Scientists were surprised by the strong competition between sponges and corals: every square centimeter of the reef was colonized! Here too the impact of last year’s bleaching was visible, much to the dismay of the scientists.
Since Polynesia, Tara has hosted several events dedicated to partners, the general public and policy makers, with the purpose of raising awareness during stopovers in Japan, Taiwan, Fiji, Auckland, Sydney and Noumea.

**TARA IN JAPAN** (February 17 - April 20, 2017)
No fewer than 8 stopovers, of 3-8 days each, were organized in Japan to meet with local people and welcome 7,000 visitors onboard for guided tours, conducted in Japanese.

- 4 press conferences (80 journalists attending)
- Tara Pacific traveling exhibition
- Scientific conference “The Ocean, source of life” & symposium “Coral reefs in crisis” (600 persons present)
- Seminar at the headquarters of the first Japanese television channel, NHK: Presentation of the Tara Oceans and Tara Pacific expeditions, with the participation of research scientists Hiroyuki Ogata (Tokyo University) and Sylvain Agostini (Tsukuba University)
- Public (6,000 people) and school visits (700 students)
- Press conference aboard Tara (12 journalists)
- Filming aboard Tara with the E-Pop project / RFI - Planet Radio / France 24 / RFI
- Meetings with customary chiefs and Pacific communities for Tara Pacific’s Blue book

**TARA IN TAIWAN** (April 24 - May 1, 2017)
— Welcoming ceremony in the presence of government officials (approximately 300 people on the dock)
— Press conference (50 journalists representing 31 media)
— Photo contest on the theme “Your love of the ocean” (1,000 participants)
— Symposium “Coral reefs in the context of climate change” in collaboration with the National Taiwan Ocean University (200 students)
— Public (2,000 people) and school visits (450 students)
— Events with our partners: agnès b, World Courier, Veolia Foundation, BillerudKorsnäs
— A 150 m² exhibition dedicated to Tara at the Huashan Culture Park, in Taipei, for 40 days (70,000 visitors)

**TARA IN FIJI** (June 1 - 10, 2017)
— World Oceans Day on June 8 in Suva
— International Conference on ocean governance issues, with the French embassy, the Government of Fiji, the French Facility for Global Environment (FFEM) and the University of the South Pacific
— 2 exhibitions and a vernissage (Tara Pacific and Tara/FFEM)
— 2-day international conference (800 attendees)
— Public (240 people) and school visits (320 students)
— Press conference aboard Tara (12 journalists)
— Filming aboard Tara with the E-Pop project / RFI - Planet Radio / France 24 / RFI
— Meetings with customary chiefs and Pacific communities for Tara Pacific’s Blue book
HIGH POINTS OF 2017

OUR PORTS OF CALL

TARA IN AUCKLAND (July 1-9, 2017)
The stopover in Auckland was a very special event: it was the first return of Tara, formerly Sir Peter Blake’s Seamaster to New Zealand since 2001. This stopover also offered an opportunity to present the research carried out on Tara and raise awareness of the environment among the general public, particularly to the youth.

— Celebration of Tara’s return to Sir Peter Blake’s home country
— VIP visits and receptions - Sir Peter Blake Trust, the Ambassador of France
— 20th anniversary of Sir Peter Blake Trust
— America’s Cup: Participation in the parade celebrating the winners’ return
— Press coverage: 46 (print and digital)
— Workshops and conferences: (750 participants)
— Public (2,000 people) and school visits (4 schools - 114 students)
— Events with our partners: World Courier, L’Oréal
— Plankton Planet Workshop (18 scientists from 10 countries)

TARA IN SYDNEY (August 17-23, 2017)
The stopover in Sydney offered Tara an opportunity to present the scientific work conducted aboard the schooner, share the researchers’ expertise with the Australian scientific community and raise public awareness of environmental issues, with particular attention to children and adolescents.

— Press conference + TV report + radio interviews
— Press coverage: 58 (print, digital, TV, radio)
— Public (300 people) and school visits (4 schools - 8 classes - 173 students)
— 10 workshops on plankton for children
— Scientific symposium with Serge Planes and Australian scientists, in cooperation with the National Navy Museum
— Tara Pacific exhibition
— Public and scientific conference (100 attendees)
— 360° photo imaging of Tara by Google StreetView
— Event with our partner: World Courier

TARA IN NOUMEA (September 18-30, 2017)
— Public (800 people) and school visits (193 students)
— Events with our partners: Cummins and IFRECOR
— Joint IRD and University of New Caledonia mission: studying the functional role of marine birds on the coral reef ecosystem
Throughout the Tara Pacific expedition, a team of scientists and sailors worked tirelessly and took turns to make scientific advances and keep Tara’s momentum. On average, 6 sailors and 7 scientists are aboard Tara on an ongoing basis. Beyond science, the expeditions conducted by Tara are also a wonderful human adventure. These teams are led by:

SERGE PLANES, Scientific director of the Tara Pacific expedition and CNRS research director at CRIOBE (Centre of Island Research and Environmental Observatory):
« My Tara adventure began by meeting with Romain Troublé, Executive Director of the Tara Expeditions Foundation, in January 2014. The Tara project combines both passion and research. Of course, I was attracted by its originality and the opportunity to conduct a 2-year scientific program on an oceanographic vessel that serves as a multidisciplinary research platform for long-term missions. This is a unique, exceptional opportunity! »

SAMUEL AUDRAIN, Tara’s Captain
« It has been almost 2 years since we cast off for the Tara Pacific mission. I was Tara’s captain when we left Lorient, then as all sailors and mission members, we took turns. The Atlantic crossing, Panama, Malpelo, Easter Island, French Polynesia, Asia, New Zealand, Asia again. So many nautical miles sailed in search of new coral reefs. Sometimes we see pure splendor and beauty, other times, the desolation of a world fighting for its survival. It’s an exciting mission with an intense pace, an adventure that keeps moving forward and many encounters inviting us to share. After sailing west and crossing many parallels, Tara will soon set her course towards Europe. But the mission is not over, we’re still only half way around the world! »

MARTIN HERTEAU, Tara’s Captain
« I really enjoy versatility -- a very important asset aboard the schooner. On the work site at the beginning of the year, we prepared Tara for this mission, from the maritime viewpoint, of course, but also for science. What I like about Tara its aura and how it’s felt in many ports of call. »
The Tara Expeditions Foundation regularly invites artists-in-residence aboard the schooner. Their presence is an innovative and meaningful way to raise public awareness about environmental issues and the challenges related to preserving the ocean in the 21st century. Sponsor and co-founder of the Tara project, but also gallery owner, fashion designer and avid collector for 40 years, agnès b. has long supported artists through her Galerie du Jour in Paris and art collection. During each scientific expedition, an exhibition project has stemmed from the encounter of interests and passions.

The six winning artists take turns in residence aboard the schooner during the scientific expedition, Tara Pacific, between 2016 and 2018. Visual artists, photographers/videographers, illustrators and musicians will share the lives of sailors and scientists on board. Their works will be exhibited in Paris after Tara’s return from the expedition at the end of 2018.

ARTISTES-IN-RESIDENCE IN 2017

MAKI OHKOJIMA, painter (Japan)
« Telling stories of the ocean by means of drawing and painting, I want to send a message to future generations about resource preservation and the way humans associate with the sea. »
www.ohkojima.com

NICOLAS FLOC’H, photographer and visual artist (France)
Nicolas Floc’h is interested in artificial reefs, true living architectures colonized by the ocean flora and fauna. These structures are omnipresent in Japan. Nicolas boarded the schooner between Tokyo and Keelung to enrich his historical and artistic reflection on this theme, creating a set of sculptures that are part of the panorama of artificial reefs particular to Japan. Sculpture, photography, painting, performance and dialogue with the scientific community are the means by which this “new explorer” invites the general public to reflect on the meeting grounds between art and science.
www.nicolasfloch.net

NOÉMIE SAUVE, visual artist (France)
In August 2017, Noémie Sauve boarded the schooner in New Zealand: « In these agitated waters, each wave has an identity. It carries a warmth, a conversation from the inside to the outside, a resonance. The ocean is mapped, but this dimension, this emotional landscape is not. One feels life under the water and its influences outside the water. »
www.noemiesauve.blogspot.fr
HIGH POINTS OF 2017

OUR ACTIONS IN FAVOR OF THE OCEAN

1. TARA OCEANS (2009 - 2013): RESEARCH CONTINUES
In 2009, Éric Karsenti, Scientific Director of the Tara Oceans expedition, Emeritus Research Director at CNRS and Associate Research Director at EMBL, brought together a team of researchers around the schooner, Tara, and a common project: to study the plankton ecosystem in the context of climate change. He thus gathered scientists with complementary skills in biology, marine ecology, physical oceanography, cell and systems biology, genomics and imaging. For the first time, plankton - the largest global ecosystem - was collected worldwide and studied in its entirety: from viruses to bacteria, from genes to the whole plankton community. The scientific results from the Tara Oceans expedition have shaken our understanding of the marine ecosystem and led to many scientific publications in internationally recognized, peer-reviewed journals.

2017 PUBLICATIONS:


HIGH POINTS OF 2017

2. INCLUDING THE OCEAN IN SCHOOL PROGRAMS

One of the goals of Tara’s educational platform is to accompany teachers in implementing projects related to sustainable development and science education.

— In 2017, more than 11,000 pupils in France and around the world followed Tara during the school year. They were motivated to address environmental issues related to the Ocean through educational projects that engaged them in regular exchanges with the researchers and crew aboard Tara.

— 6,158 young people and 848 adults were involved in classes and conferences throughout France: Bourges (400 students), UNESCO campuses (350 young people), Tudy Island, Toulouse, and the Porte Dorée Aquarium in Paris.

— Two symposia, bringing together 500 and 250 students respectively, were organized on May 12, 2017 at the Faculté des Sciences et des Lettres in Paris, and also at the Maison des Océans. On this occasion, students presented work done in the classrooms based on Tara’s expeditions.

— Throughout 2017, 300 teachers in 9 academies of metropolitan France were trained to use Tara’s educational program by our Education team.

— Use of our free-access educational platform increased: 1,650 downloads of educational files (coral, plastic waste, ocean and climate), 550 downloads of scientific data from missions, and 320 downloads of exhibitions.

— 9,000 children and teenagers watched documentaries about Tara’s missions in their classrooms.

— Edition of the first 3 laboratory notebooks (in a series of 12) that explain the GPS, the thermometer and the camera. Free online access and distribution of 3,000 printed copies (650 downloads in 3 months).

— Collection of teachers’ testimonials: https://oceans.taraexpeditions.org/m/education/temoignages-teachers/

— Development and implementation of a learning system for teachers: the personalised training course "The “High School Microphone” project helps students gain confidence in themselves and shows them there’s not only one path in life, but a multitude of paths. The fact that Tara is a living expedition helped me to create a link between fascinating, real expeditions, and these young people [...] who have so many dreams." Christine Pieralli, teacher

«The students of the Louis Pergaud High School would like to thank the Tara Foundation and the Tara crew for all the actions carried out by all teams, on board and ashore. You make us dream and above all you help us understand how our planet works» Words of student.
3. RAISING AWARENESS OF YOUNG GENERATIONS AND THE GENERAL PUBLIC

In addition to actions aimed at raising public awareness during Tara Pacific stopovers, the Tara Foundation also organized events and exhibitions for children, adolescents and the general public in France.

Throughout the summer of 2017, in the 92 Journal de Mickey beach clubs in France, children participated in 2 activities designed by Disney and Tara: a treasure hunt encouraging kids to explore Ocean ecosystems by piecing together a puzzle, and also a mime game on the behaviour and habitats of certain marine animals. This program involving more than 388,000 young people was organized in the context of Tara’s partnership with Oceans by Disney and Disneynature.

EVENTS FOR THE GENERAL PUBLIC

Sunny Side of the Doc. Festival (June)
Screening at the Aquarium of La Rochelle (for 300 people) of «Tara Pacific, the Odyssey of Coral», a documentary film written and directed by Pierre de Parscau.

Screening at the Groix Festival (August)
“Tara Pacific, the Odyssey of Coral”
Screening of the documentary in the presence of director, Pierre de Parscau (audience of 100 people).

Conference at the Good Planet Foundation, Paris (September)
Presentation of the Tara Pacific expedition by Xavier Bougeard, Program Manager for International Education (45 adults).

LUMEXPLORE Festival, La Ciotat (September)
Screening of the documentary “The Secret World of Plankton: Tara Oceans” (150 people).

Science Uncovered 2017 Festival, London
Evening talks with Tara scientists and the general public to discuss the Tara Oceans mission. Event organized in collaboration with the Natural History Museum of London.

PARISCIENCE Festival, Paris (October)
Screening of the documentary film “Tara, the Odyssey of Coral” written and directed by Pierre de Parscau, followed by a discussion in the auditorium of the National Museum of Natural History in Paris (150 people at the public session and 280 young people at the school session).

Conference at the FRAC (October)
An evening with Tara Expeditions, organised at the FRAC (Fond Regional d’Art Contemporain) in Rennes. In the context of artist Nicolas Floc’h’s exhibition, a presentation of the Tara Pacific mission: Nicolas Floc’h’s residency and project aboard Tara, with 2 other artists-in-residence (70 people).

EXHIBITIONS

The Oceanographic Adventure, Paris (April to September)
20 to 30 models of French ships and devices for oceanographic exploration were presented at the Aquarium of the Palais de la Porte Dorée, in the form of a flotilla on a flat surface. Visitors could discover the little-known world of ocean exploration. A scale model of Tara was presented along with videos illustrating the different expeditions.

L’Appel du Large, Marseille (June)
In the framework of the major exhibition «L’Appel du Large» organized by the MUCEM on the theme of maritime voyages, an exhibit was organized in the agnès b. boutique in Marseille featuring the work of 5 artists-in-residence aboard Tara during the Tara Med expedition (in 2014).

Ocean Plastics Lab | Tara videos on exhibit, Paris (October)
Plastic in the Ocean: what’s the problem and what can we do about it? Research on marine trash - The work of the Tara Foundation, presented by Xavier Bougeard, Program Manager for International Education

Tara Oceans exhibition 2009 - 2013: «Exploring the invisible», Heidelberg, Germany (October)
24 display panels recount the revolutionary expedition that revealed the mysterious world of plankton. A first installation was set up at the EMBL site in Germany.

Tara Pacific exhibition at the Cité de la Voile, Lorient (October 2017)
As part of the Fête de la Science: presentation of the Tara Pacific expedition through an exhibit, a projection of the film “Tara Pacific, in the Heart of Coral” (in the auditorium), and a live exchange with Tara’s crew on the boat.
HIGH POINTS OF 2017

4. COMMUNICATION WITH THE GENERAL PUBLIC / SHARING OUR MISSIONS WITH EVERYONE

The launch of Tara Pacific’s second year and the first year’s results benefited from broad press coverage, thanks to certain major media. Considerable enthusiasm was expressed on social networks as well.

PRESS COVERAGE - PRINT & DIGITAL

Following the departure of the Tara Pacific expedition, several high points marked the end of 2017. Our media partnership with TF1 resulted in 6 programs about Tara Pacific that were broadcast by the television channel and relayed on the web. 10 press releases helped generate visibility and stimulated important engagement from the online community.

- 1,688 press articles were published in 2017,
- of which 824 articles in French (which represents 48.8% of the total),
- equivalent to a range of 1,844,371,576 persons.

MEDIA PARTNERSHIPS

TFI/LCI
The partnership begun in 2016 continued in 2017 with the TV news program “TF1 weekend edition” presented by Anne Claire Coudray: 7 reports were recorded aboard Tara. In podcast on lci.fr/sujet/l-expedition-tara/.

Ouest France
Our media partnership with Ouest France gave rise to regular publications, especially in the Edition du Soir (digital edition) and in the media for youth DIMOITOU (digital edition).

Radio France International
In 2017, 4 reports about Tara were recorded by onboard correspondents and broadcast on the show «C’est pas du vent», RFI’s program on the environment. https://oceans.taraexpeditions.org/mediatheque/podcasts/

Hearst Fujingaho
In Japan, the Tara Pacific expedition was the subject of various reports in the Hearst press group’s Lifestyle magazines: «Elle», «25 years», etc.);

Journal de Mickey
In the wake of Tara Pacific, Le Journal de Mickey published on average one article per month on the theme of coral, plastic at sea, and navigation aboard Tara.

Disney Nature
Regular publications and reporting on the Tara Pacific expedition with Zoom by Disney.
www.zoombydisneynature.com

Oceans by Disney
Launch of educational operations including publication of booklets: Finding Dory (February), and Vaiana (June).
INCREASINGLY INTERNATIONAL COMMUNICATION

A total of 173 articles were published on the website of the Tara Foundation, 352 posts on Facebook, and 54 videos posted on Youtube. These publications have largely contributed to the impact of the expedition on an international level. By participating in the social networks, news about Tara has attracted an ever-increasing public. In 2017 the Foundation’s website welcomed 14% more visitors than the previous year, and observed a 28.2% increase in the number of pages viewed.

Beyond the daily events of the Tara Pacific expedition, the year 2017 was marked by several high points that explain certain peaks of website traffic, and also the impressive increase in numbers on the social networks.

The internationalization of our communication has also continued, especially thanks to a Japanese sub-site started last year, and a Chinese sub-site launched at the end of 2017, in view of preparing for Tara’s voyage to China in 2018.

NUMBER OF SUBSCRIBERS

Variations 2016-2017

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* The statistics available on LinkedIn only cover the last 6 months

Publication of a new book:

«Tara, the New Exploration»

This new book published in February 2017 recounts for the first time in the words of the founders, captains, sailors, scientists, and longtime friends, the major expeditions of Tara from the beginning (an edition of 2,700 published in French, English and Japanese).
HIGH POINTS OF 2017

DOCUMENTARY PRODUCTIONS

Two documentaries broadcast on television channel “France Ô”- Tara, the Coral Odyssey (June 2017), and Tara, the Archipelago of Kings (December 2017) generated remarkable public interest, with more than 426,000 views on Facebook (16.3% of the audience in 2017).

“Tara, the Odyssey of Coral”: Through this human and scientific adventure, Tara brings to life the spirit of the great explorers of the past and renews the tradition of world discovery voyages. This 52-minute film was written and directed by Pierre de Parscau, narrated by Jacques Gamblin, produced by the Cup of Tea agency, Tara Expeditions Foundation, and CNRS Images, with the participation of France Télévisions and of the CNC (National Center of Cinematography).

Participation in Festivals

“Tara, the Archipelago of Kings”: Striking encounter between island communities and a recently-discovered treasure. A 52-minute film, written and directed by Pierre of Parscau, narrated by Jacques Gamblin, produced by The Cup of Tea agency, Tara Expeditions Foundation and CNRS Images, with the participation of France Télévisions and the CNC.

HIGH POINTS OF 2017

5. ADVOCACY: CONVINCING POLITICAL AND ECONOMIC DECISION-MAKERS THAT THE OCEAN MUST BE PRESERVED BY EVERYONE

GOVERNANCE OF THE HIGH SEAS
In 2017 the Tara Foundation was once again very active in negotiations concerning governance of the High Seas. For the last two sessions of the Preparatory Committee (PrepCom) at the UN, in March and July, the Tara Foundation organized a side event on issues of research, bilateral meetings, and participated in the events of the High Seas Alliance, of which Tara is the only European member. For the last session in July, the Foundation contributed a document guiding research issues on the High Seas. In France, the Foundation also participated in a working group on this topic organized by the General Secretariat for the Sea. In December 2017, the UN General Assembly confirmed the holding of an Intergovernmental Conference on conservation and sustainable management of biodiversity on the High Seas.

PARTICIPATION IN THE EUROPEAN COMMISSION’S ORIENTATION MEETINGS

European Blue Cloud
Following the ongoing dialogue set up in 2015 with European institutions on Ocean observation (Copernicus, Mercator Ocean and EurOBIS, among others), scientists from the Tara Oceans consortium participated in the work meetings in Brussels on the future “European Blue Cloud”. The goal is to define European strategy on big data and the Ocean. In this context, the Tara Foundation, accompanied by Stéphane Pesant (Tara Oceans Data Manager), met with several senior managers of the General Research Commission to propose the use of the “Tara Oceans” database and to structure it into a pilot project for the future Blue Cloud of the European Commission.

Focus on the South Atlantic
The Commission’s General Directorate for Research announced in 2017 a broad European program of scientific cooperation for the South Atlantic, aimed at understanding the impacts of climate change in this region. In July 2017, a high-level meeting in Lisbon brought together politicians and experts for the launch of the Belem Declaration, a guiding document on the financial support of the Commission for Research. The Tara Foundation appeared on the final panel at the Lisbon event. The Foundation is also implicated with expert groups for the future of the Belem Declaration. From October, the Tara Foundation worked on setting up a consortium to answer one of the proposals for a total amount of 10M euros for a 4-year scientific project based on Tara Oceans.

Participation in the first UN conference dedicated to the Ocean
The first United Nations conference on the Ocean took place in June 2017 in New York, with the massive participation of States and civil society. For the first time, an event entirely dedicated to the Ocean was held in the great hall of the UN. Romain Troublé, Executive Director of the Tara Foundation, participated in the New York conference in partnership with the Ocean and Climate Platform. During the Tara Pacific expedition, in the Fiji Islands the Tara Foundation organized a major international scientific conference at the University of the South Pacific in Suva, in partnership with the French Embassy and the Fijian government. At this Ocean Conference, participants from many states and from civil society joined together to advance the commitments for the Sustainable Development Goal No.14 on the Ocean. To support the different objectives (Marine Protected Areas, sustainable fisheries, preservation of ecosystems, etc.) hundreds of commitments were proposed by NGOs, nation states, the private sector and multilateral agencies. For the Foundation, the Ocean Conference was an opportunity to structure a plea on the urgent need for concrete actions to achieve SDG 14.
HIGH POINTS OF 2017

OVERVIEW OF THE “OCEANIC PLANKTON CLIMATE DEVELOPMENT” PROGRAM, FINANCED BY THE FRENCH FUND FOR THE GLOBAL ENVIRONMENT (FFEM)

Our program of scientific cooperation for development, conducted in partnership with the FFEM, was marked in 2017 by student post-docs moving into their host laboratories, and the organisation of our first large workshop in Chile. This program, which structures research activity in developing countries around Tara Oceans, is in the process of forming a new generation of plankton biologists, geneticists and oceanographers in Brazil, Argentina, Chile and Togo. The Tara Foundation set up an important mission in Chile to structure on-site partnerships and organize the first international workshop for the project’s participants: laboratory heads, post-docs, researchers from France and other countries, the FFEM. 60 researchers from 15 countries participated in the meetings and high-level conference organized in Santiago de Chile, in the presence of many local authorities and the French government.

PARTICIPATION IN THE “OUR OCEAN” CONFERENCE IN MALTA AND LAUNCHING THE CORAL REEF INITIATIVE WITH PRINCE ALBERT II OF MONACO AND PRINCE CHARLES OF WALES

Following the participation of the Tara Foundation in the «Our Ocean» event in Washington in 2016, Romain Troublé, Executive Director of the Tara Foundation, was invited in 2017 to Malta for the European chapter of this initiative created and promoted by John Kerry, former Secretary of State of the United States. The Tara Foundation actively participated in the event organized in October in Valletta with: a permanent stand, a video about coral reefs projected at the opening plenary session, and a speech by Romain Troublé. The most important result obtained is undoubtedly the initiative for coral reefs, launched during a special event with Prince Albert II of Monaco and Prince Charles of Wales.

ADVOCACY ON CLIMATE CHALLENGES: THE OCEAN AND CLIMATE PLATFORM AND «BECAUSE THE OCEAN» INITIATIVE

The Ocean and Climate Platform, created by the Tara Foundation with several partners in 2014 for the COP21 in Paris, set up a legal framework in 2017 in the form of a non-profit association. In October 2017, Romain Troublé assumed the presidency of the Platform. A 3-year strategic plan was established to include marine issues at the UNFCCC climate negotiations, and integrate the UN Sustainable Development Goals (SDGs) as a target. With the initiative “Because the Ocean”, the Tara Foundation pursues the goal of appealing to the Paris Agreement signatory countries, demanding that the Ocean be taken into account during the revisions of their climate compromises (National Determined Contributions).

DEVELOPMENT OF THE BEMED INITIATIVE ON PLASTICS IN THE MEDITERRANEAN

The “Beyond Plastic Med” (BEMED) initiative, dedicated to finding solutions to fight against plastic pollution in the Mediterranean Sea, continues to advance. An association was created by the founding members, namely the Prince Albert II Foundation of Monaco, the Tara Foundation, Surfrider Europe, the Foundation Mava and IUCN. The «BEMED» association then launched a second call for micro-initiatives, aimed at financing a dozen local projects that propose concrete actions with local populations to deal with this issue.
The Tara Foundation is independent and acts only thanks to the support of donors and partners. Thanks to them, Tara relentlessly pursues her mission. Embarking with us gives scientists the opportunity to progress faster in understanding the Ocean, and lets us share their discoveries at all levels of our society.

OUR PARTNERS

NEW PARTNER

In 2017, The Tara Foundation welcomed a new partner: CASDEN Banque Populaire a cooperative bank. CASDEN is part of the ESS (social and solidarity economy) and carries values of solidarity, cooperation, mutual trust, and equity. Originally created by teachers and today dedicated to the entire public sector, CASDEN Banque Populaire supports education for sustainable development – an integral part of today’s school curriculum. “Lab Book”, an educational program developed by the Tara Foundation, reflects the values of CASDEN, which will support this project through the end of 2018.

A SUPPORTIVE GESTURE FOR THE TARA FOUNDATION: THE AUCTION AT HOSPICES DE BEAUNE

This 157th auction was held on November 19th, 2017 in Beaune, and for the first time, two wine barrels (Corton Grand Cru “Clos du Roi”) were auctioned for charity: one for Mankind and the other for Humanity, in favor of three associations including the Tara Expeditions Foundation. Mobilization of two faithful sponsors of the Tara Foundation, agnès h. and Julie Depardieu, heightened the buyers enthusiasm. Proceeds from the sale of the «President’s Barrel» was shared by the three beneficiary associations (140 000 euros for the Tara Foundation).

« I am very happy to represent the Tara Expeditions Foundation during the auction at the Hospices de Beaune. Funds raised here will help Tara continue scientific research on the Ocean, one of the lungs of our planet, important for the health of the environment and all of us.(…) » Julie Depardieu, Tara’s sponsor at the Hospices de Beaune auction.

WORDS FROM OUR PARTNERS

« At BillerudKorsnäs we are proud to be partners of the Tara Foundation for the last 3 years. Tara’s objective, involving experienced scientists worldwide, is to acquire better knowledge about what is happening in the Ocean, and what needs to be done to induce change and ensure a sustainable future. The Tara Foundation participates in the search for solutions to reduce the use of plastic in our society. Our partnership with Tara encourages us to progress and question conventional packaging for a sustainable future. » Windy Lim, Marketing Manager Asia Pacific, BillerudKorsnäs.

« Living in harmony with nature, preserving resources and biodiversity, limiting climate change – doing what’s necessary to ensure the Earth remains habitable. The Veolia Foundation encourages actions that educate or raise public awareness about environmentally responsible behavior. We also support ambitious projects for understanding and restoration of natural environments. Thus it was obvious for the Veolia Foundation to engage with Tara in seeking to understand the impact of climate change on our oceans, in awakening the consciences of young people and general public, and in mobilizing policy-makers to look for solutions. Since 2009 we have supported 3 major expeditions - Tara Oceans, Tara Mediterranean and Tara Pacific - and we are proud of the results shared with scientists around the world. » Thierry Vandevelde, Delegate of the Veolia Foundation.
THE TARA EXPEDITIONS FOUNDATION THANKS ITS SPONSORS

WORDS OF DONORS

«The warning for humanity», written by more than 15,000 international scientists last November, came as a shock to me. Their text explains that the actions taken to slow global warming are far too timid and insufficient, considering the urgency of our situation, humanity’s situation, on this planet - the only one we have. It has become clear that buying organic food and taking public transport is not enough anymore. So I decided to support Tara. The scientific expeditions organized by Tara have been and are at the origin of major discoveries on climate and biodiversity. I feel like I’m doing something, in a modest way, to help.» Martine Dutac, donor.

«The Ocean, source of life and also of wonder. How can you not be sensitive to the wonderful Tara adventure! To know that in the 21st century, we still have «mountains» to discover, research to support – isn’t this fabulous? So yes, I support Tara for that. I admire the work done, projects on the way, the challenges, work and commitment of teams on board and on land. What’s more, Tara is a magnificent schooner!» Danièle Mary, donor.
All supports from our donors, big and small, directly finance the Tara Foundation’s missions. Since the summer of 2017, the Tara Foundation has set up a new approach to better structure its fundraising.

DIGITAL FUNDRAISING CAMPAIGNS

Several fundraising campaigns related to our actions in education and science have been launched in 2017 for the French public—through emailing and social networks.

September 2017 - Education

Support the development of Tara’s educational actions in schools.

October 2017 - Science

Support Tara to go further in scientific research.

December 2017 - Ocean

50% of the oxygen we breathe comes from the Ocean. Support the Tara Foundation Expeditions.

The end-of-the-year campaign was also broadcast via the project-based fundraising platform, Commeon:  [https://www.commeon.com/fr/organisation/fondation-tara-expeditions](https://www.commeon.com/fr/organisation/fondation-tara-expeditions)

leboncoin

Thanks to the support of Leboncoin, this campaign was also shown on their online sales platform throughout the month of December.
HELLOASSO: LAUNCH YOUR FUNDRAISING AND ADDRESS SOLIDARITY CHALLENGES TO SUPPORT THE TARA FOUNDATION

With HelloAsso, anyone can now create his own fundraising page. This secure online platform helps those who wish to meet their own sporting challenge or invite their entourage to special events (birthday party, marriage, birth, baptism, etc.) make solidarity events of these occasions to support the Foundation’s actions in favor of the Ocean. Donors automatically receive their tax receipt via email. (only for donors in France) For more information, visit: https://www.helloasso.com/associations/fondation-tara-expeditions

LILÔ: FUND THE TARA FOUNDATION’S ACTIONS, FREE OF CHARGE

Thanks to Lilo, a solidarity search engine, it is now possible to fund the Tara Foundation, free of charge, simply by conducting your daily Internet searches! Each user of search engines generates on average 30 euros per year through advertising display. In doing their searches on Lilo, users earn drops of water they can donate to the Tara Foundation’s project. Every drop of water represents money generated. Lilo does not collect personal data and protects users’ right to privacy on the Internet.

To download Lilo, it's very simple:
1. Follow this link, click on «Search using Lilo»
2. Click here to support the Tara Foundation’s project on a daily basis by conducting your Internet searches.

DONATION VIA TEXT MESSAGE: 92 412

Since November 2017, the Tara Foundation has an SMS number for donations.

To this end, simply send an SMS to 92412 by typing:
TARA5 to donate 5 euros
TARA10 to donate 10 euros
TARA20 to donate 20 euros

Sending an SMS is free. Only the donation amount will be charged on your mobile bill or deducted from your prepaid mobile account. The donation will be paid in full to the Tara Foundation by the mobile operator.

This service is only available in France to Bouygues, Orange and SFR customers. The donation via SMS is not available to Free customers or foreign operators.

One or more donations can be made, within the limits of 50 euros/month.

Solicitations from the Tara Foundation might be sent, simply send STOP via SMS to the 92412 short number to oppose these requests. This service is free of charge.

TARA EXPEDITIONS FOUNDATION 2017 ANNUAL REPORT

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THE FOUNDATION’S GOALS

The purpose of the Tara Foundation is to fund, alone or in partnership, French scientific research on the impact of global warming and worldwide changes (pollution, demography, human actions in general, etc.) on ecosystems; raise public awareness of environmental issues and disseminate the related scientific data and results for educational purposes.

The Tara Foundation’s courses of action:
— Organizing scientific expeditions, particularly with the schooner Tara
— Co-producing documentary films and organizing cultural and educational events dedicated to the expeditions organized by the Foundation and their results and/or the issues raised by these expeditions
— Organizing exhibitions, conferences, events, TV and network broadcasts, as well as the publication, reproduction and edition in any form and by any processes, known or unknown, on the expeditions organized by the Foundation, related results and/or issues raised by these expeditions
— Organizing educational programs
— Providing scholarships and financial aid to researchers or research teams working on the impact of global warming and global scale changes on ecosystems and more generally, supporting any action contributing to the development of the Foundation’s goals.

ADMINISTRATION AND OPERATIONS

The Tara Foundation is administered by a board of directors of 9 members, consisting of 3 colleges:
— 3 members of the college of founders, 2 life members: Agnès Troublé, known as agnès b., and Etienne Bourgois, endowment fund represented by a person mandated by the legal entity.
— 4 members of the college of qualified personalities, composed of persons chosen for their expertise in the Foundation’s areas of activity. They are co-opted by other members of the board of directors.
— 2 members representing the Friends of the Foundation, designated by “Les amis de TARA” association. The status of member of the association’s board of directors is incompatible with that of the Foundation’s board of directors, in any college other than that of “Les Amis de Tara”.

A government commissioner, appointed by the Ministry of Interior, attends the meetings in an advisory capacity and ensures compliance with the statutes and public utility status of the Tara Foundation’s activities.
OUR GOVERNANCE

BOARD OF DIRECTORS

College of founding members
Etienne Bourgois, CEO of agnès b., President of the Tara Foundation
Agnès Troublé, known as agnès b., Designer/Business Executive
Nathalie Kistler, Secretary General, mandated by the « Agnès Troublé, aka agnès b. » endowment fund, Treasurer of the Tara Foundation

College of qualified personalities
Eric Karsenti, Emeritus Research Director at the CNRS and Associate Research Director at EMBL
Gérard Bonhoure, Honorary Inspector General of National Education
Françoise Gaill, CNRS Research Director
Antoine Ricardou, Certified Government Architect/Designer

College of the Tara foundation’s Friends
Sylvie Duboué, Sales Director, President of « Les Amis de Tara » association and board member of the Tara Foundation
Christian de Marliave, Editor

Government commissioner
Thierry Boisseaux, Representative of the Ministry for an Ecological and Solidary Transition.

Director general of the Tara Foundation:
Romain Troublé as Executive Director of the Tara Foundation, manages the Foundation and ensures its operation. Under delegation of the President, he has the powers required to carry out his mission. By right, he attends the board of directors and board meetings in an advisory capacity.

The Board of Directors settles matters concerning the Foundation through its deliberations.

In particular:
— It decides on the Foundation’s agenda
— It adopts the annual report, presented by the board, concerning the Foundation’s moral and financial situation
— It votes, upon the proposal of the board, the budget and its changes, as well as staffing forecasts
— It adopts, upon the proposal of the board, the Foundation’s rules of procedure
— It accepts and assigns donations and bequests and allows, beside everyday management, acquisitions and disposals of real estate and movable assets, markets, leases and rental agreements, mortgages and loans, securities and guarantees granted on behalf of the Foundation
— It appoints one or several auditors chosen in the list referred to in article L.822-1 of the French Commercial Code
— It establishes the conditions of recruitment and staff remuneration
— It is informed by the president of any project of convention engaging the Foundation and deliberates on agreements falling within the scope of article L. 612-5 of the French Commercial Code; in this case, it issues a decision without the presence of the person concerned.

The Tara Foundation is supported by two committees: a scientific committee and an advisory committee on education.
OUR GOVERNANCE

SCIENTIFIC COMMITTEE

Eric Karsenti, Emeritus Research Director at the CNRS and Associate Research Director at the EMBL
Françoise Gaill, CNRS Research Director
Gaby Gorsky, Former Director of the Villefranche-sur-Mer Oceanography Observatory / UPMC-CNRS
Patrick Wincker, CEA Research Director and Director of the Génoscope-National Sequencing Center.
Colomban de Vargas, CNRS Research Director, EPEP Team Leader at the Roscoff Biological Station
Chris Bowler, CNRS Research Director and Director of the “environmental and evolutionary genomics” section (biology institute, École normale supérieure - IBENS, CNRS / ENS) since 2010.

ADVISORY COMMITTEE - EDUCATION DIVISION

Gérard Bonhoure, Honorary Inspector General of National Education
Florence Clément, ADEME
Sabine Lavorel, French Institute of Education
Françoise Ribola, Academy of Versailles
The Tara Foundation’s first fiscal year started in April 2016 (publication in the Journal Officiel on March 13, 2016), and accounted for 9 months of actual business activity. Comparison with activity between 2016 and 2017 is therefore not relevant. The below financial statements have been validated by the auditing firm KMPG S.A.

ACCOUNTING RULES AND METHODS

General accounting conventions have been applied in accordance with the prudence principle and these basic assumptions:
— continuity of business activity,
— consistent accounting methods from one financial year to the next,
— separation of accounting periods, and in accordance with the general rules of the establishment and presentation of annual financial statements. The foundation established its financial statements in accordance with regulation 2014-03 ANC and its adaptations to nonprofits and foundations under regulation n°99-01 and the CRC 2009-01 rule regarding accounting laws applicable to foundations. All accounting items were valued using the historical cost method.

INTANGIBLE AND TANGIBLE FIXED ASSETS
Tangible assets are evaluated based on either their cost of acquisition or cost of production, accounting for the costs of implementation, and after deducting commercial rebates, discounts, and settlement discounts. Ordinary depreciation is calculated using the straight-line or reduced-balance method depending on the expected life of the asset:
— Website: 3 years using a linear model
— Audiovisual coproductions: 3 years using a linear model
— Floating equipment: 3 to 10 years using a linear model
— Scientific floating equipment: 3 to 5 years using a linear model
— Installation fixtures: 10 years using a linear model
— Transportation equipment: 3 years using a linear model
— Office and computer equipment: 3 years using a linear model
— Video and photo equipment: 3 years using a linear model
— Furniture: 3 to 7 years using a linear model

By way of information, an expert report concluded that the schooner Tara is amortized over a period of 100 years, and the rigging over a period of 30 years.

Following the transfer of the Tara Endowment Fund’s assets to the Tara Foundation, tangible and intangible assets are amortized over their remaining lives.

FINANCIAL FIXED ASSETS AND INVESTMENT SECURITIES
The gross value consists of the purchase cost excluding incidental expenses. When the value of inventory is less than the gross value, a depreciation is recorded for the difference.

STOCKS
The stocks are evaluated using the “first in, first out” method. The gross value of goods and supplies includes the purchase price and incidental costs. Manufactured products are valued at production cost, which includes consumption, direct and indirect costs, and depreciation and amortization of goods contributing to production. The cost of the subactivity is excluded from the value of the stocks. Interest is always excluded from the valuation of the stocks. Inventories have, if necessary, been depreciated to account for their net value at the balance sheet start date.

RECEIVABLES AND PAYABLES
The receivables and payables are evaluated at their nominal value. Depreciation is applied when the value of inventory is less than the book value.
## FINANCIAL REPORT

### BALANCE SHEET

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<tr>
<td>Other Intangible Assets</td>
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<td></td>
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<tr>
<td>Intangible Assets in Progress</td>
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<tr>
<td>Advances and down payments on intangible assets</td>
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<tr>
<td><strong>Tangible Assets</strong></td>
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<tr>
<td>Technical installations, equipment, and industrial tools</td>
<td>2 416 489</td>
<td>197 489</td>
<td>2 219 000</td>
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<td>Other Tangible Assets</td>
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<td>Fixed assets encumbered by law</td>
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<td>Advances and down payments on tangible assets</td>
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<td>Receivables related to equity investments</td>
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<td>Fixed securities in portfolio activity</td>
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<td>Loans</td>
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<td>Other Financial Assets</td>
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<tr>
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<td>337 720</td>
<td>2 403 333</td>
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<td>State, turnover taxes</td>
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<td>Liquid Assets</td>
<td>429 338</td>
<td>429 338</td>
<td>235 136</td>
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<td>Prepaid Expenses</td>
<td>452 802</td>
<td>452 802</td>
<td>609 148</td>
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<td><strong>TOTAL (II)</strong></td>
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<td>2 390 716</td>
<td>3 583 729</td>
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<tr>
<td><strong>Expenses to spread over several activities</strong></td>
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<tr>
<td>Loan repayment premiums (IV)</td>
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<tr>
<td>Active conversion differences (V)</td>
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<td><strong>TOTAL ASSETS</strong></td>
<td>5 131 769</td>
<td>337 720</td>
<td>4 794 049</td>
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</tbody>
</table>

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TARA EXPEDITIONS FOUNDATION 2017 ANNUAL REPORT

taraexpeditions.org
### FINANCIAL REPORT

#### BALANCE SHEET

<table>
<thead>
<tr>
<th>LIABILITIES</th>
<th>Presented in euros</th>
<th>Activity closed on</th>
<th>from 03/01/2016</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12/31/2017 (12 months)</td>
<td>to 12/31/2016 (10 months)</td>
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</tr>
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<td><strong>Association funds and reserves</strong></td>
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<tr>
<td><strong>Equity</strong></td>
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<tr>
<td>. Non-profit association funds</td>
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<td>. Revaluation surplus</td>
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<td>. Stocks</td>
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<td>. Retained Earnings</td>
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<td>191 603</td>
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<tr>
<td><strong>Other association funds</strong></td>
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<tr>
<td>. Association funds with right of recovery</td>
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<td>. Inputs</td>
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<td>. Donations and bequests</td>
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<tr>
<td>. Results due to third party financers</td>
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<tr>
<td>. Revaluation surplus</td>
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<tr>
<td>. Investment grants on non-renewable assets</td>
<td>124 188</td>
<td>181 694</td>
<td>- 57 506</td>
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<td>. Regulated provisions</td>
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<tr>
<td>. Owner rights (free)</td>
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<td>TOTAL (I)</td>
<td>2 290 966</td>
<td>2 364 543</td>
<td>- 73 577</td>
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<td><strong>Provisions for risks and charges</strong></td>
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<td><strong>TOTAL (II)</strong></td>
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<tr>
<td><strong>Dedicated Funds</strong></td>
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<td>. Operating Grants</td>
<td>1 245 207</td>
<td>1 760 429</td>
<td>- 515 222</td>
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<td>. Additional Resources</td>
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<td></td>
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<tr>
<td>TOTAL (III)</td>
<td>1 245 207</td>
<td>1 760 429</td>
<td>- 515 222</td>
<td></td>
</tr>
<tr>
<td><strong>Debts</strong></td>
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<td></td>
<td></td>
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<tr>
<td>Loans and similar</td>
<td>137 500</td>
<td>187 500</td>
<td>- 50 000</td>
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<tr>
<td>Advances and deposits received on pending orders</td>
<td>136 096</td>
<td>128 684</td>
<td>7 412</td>
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<tr>
<td>Accounts Payable</td>
<td>618 835</td>
<td>727 727</td>
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<tr>
<td>Other</td>
<td>365 445</td>
<td>927 418</td>
<td>- 561 973</td>
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<tr>
<td>Treasury instruments</td>
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<td></td>
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<tr>
<td>Prepaid income</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>TOTAL (IV)</td>
<td>1 257 876</td>
<td>1 971 329</td>
<td>- 713 453</td>
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<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td>4 794 049</td>
<td>6 096 301</td>
<td>-1 302 252</td>
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<td><strong>Foreign Exchange liabilities (V)</strong></td>
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<tr>
<td><strong>Commitments Received</strong></td>
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<tr>
<td><strong>Net Donations</strong></td>
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<td>. Accepted by a legally competent person</td>
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<tr>
<td>. Authorized by supervisor</td>
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<tr>
<td>Gifts in kind to be sold</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Pledges given</strong></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
The foundation had total net assets of 4,794,049 euros. The main items are:

**Tangible assets** worth 2,282,867 euros. This includes the initial allocation for the vessel of 1,750,000 euros, and work carried out annually, which accounted for 68,057 euros in 2017.

**Intangible assets** worth 120,466 euros net, which include the website, the Tara Expeditions brand and the 5 documentaries co-produced by the foundation.

**Grants Receivable** worth 1,391,558 euros which include the balance of funds to be paid in the coming years by our partners subject to prior agreement (FFEM 1,041,889 euros, Monaco 149,669 euros, Billerud-Korsnäs 200,000 euros).

**Prepaid expenses** of 452,802 euros, of which 418,333 euros correspond to contracts with laboratories for postdoctoral fellows in the framework of the FFEM project.

**Non-profit association funds** of 1,991,246 euros, which include the gift of the schooner Tara for 1,750,000 euros and the depreciation of the Tara Fund for an amount of 241,256 euros.

**The carry forward**, 191,603 euros, corresponds to the 2016 results validated by the Board on June 15, 2017.

**Investment grants** correspond to the share of fixed assets purchased for scientists in the framework of the convention with the Bretagne region, 216,256 euros, minus the accumulated depreciation of 92,068 euros.

**Funds dedicated** for the FFEM convention amount to 1,245,207 euros.

The outstanding amount of **the bank loan** to finance the engine change, approved by the Board on September 19, 2016, is 137,500 euros.

**The accrued charges** of 418,833 euros result from the contracts for the post-doctoral students under “pre-paid expenses”.

Prepaid income of 365,445 euros corresponds to grants received for 349,669 euros and the grant for the new blue book for the Pacific.
# Financial Report

## 2017 Income Statement

<table>
<thead>
<tr>
<th>Presented in euros</th>
<th>Activity closed on 12/31/2017 (12 months)</th>
<th>from 01/03/2016 to 31/12/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sale of Goods</td>
<td>28,760</td>
<td>8,694</td>
<td>37,454</td>
<td>11,381</td>
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<tr>
<td>Production of sold goods</td>
<td>69,296</td>
<td>8,780</td>
<td>78,076</td>
<td>44,435</td>
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<tr>
<td>Production of services sold</td>
<td>229,092</td>
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<tr>
<td>Net operating revenue</td>
<td>98,056</td>
<td>17,474</td>
<td>115,530</td>
<td>55,816</td>
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<tr>
<td>Operating Grants</td>
<td>123,230</td>
<td>2,221,744</td>
<td>111,014</td>
<td>56,077</td>
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<td>Subscriptions</td>
<td>615,222</td>
<td>64,519</td>
<td>-58,360</td>
<td>-90,45</td>
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<td>Unused resources from prior years</td>
<td>515,222</td>
<td>1,404,680</td>
<td>697,827</td>
<td>49,68</td>
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<td>Recovered Provisions</td>
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<td>Charge Transfer</td>
<td>16,554</td>
<td>25,320</td>
<td>-8,766</td>
<td>-34,62</td>
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<tr>
<td>Subtotal of other operating income</td>
<td>2,763,672</td>
<td>3,716,262</td>
<td>-952,590</td>
<td>-25,63</td>
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<tr>
<td>Total operating income (I)</td>
<td>2,879,201</td>
<td>3,772,078</td>
<td>-892,877</td>
<td>-23,67</td>
</tr>
<tr>
<td>Share of profits from joint operations – Transferred surplus (II)</td>
<td>2,879,201</td>
<td>3,772,078</td>
<td>-892,877</td>
<td>-23,67</td>
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<tr>
<td>Financial Products</td>
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<td>Holdings</td>
<td>2,004</td>
<td>258</td>
<td>1,746</td>
<td>676,74</td>
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<tr>
<td>Other securities and receivables</td>
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<tr>
<td>Other interests and similar products</td>
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<tr>
<td>Reversal of provisions and deprecinations and transfer of charges</td>
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<tr>
<td>Positive currency differences</td>
<td>2,004</td>
<td>258</td>
<td>1,746</td>
<td>676,74</td>
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<tr>
<td>Net income from sales of security investments</td>
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<tr>
<td>Total financial products (III)</td>
<td>2,004</td>
<td>258</td>
<td>1,746</td>
<td>676,74</td>
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<tr>
<td>Extraordinary Income</td>
<td></td>
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<td>Management Operations</td>
<td>57,506</td>
<td>34,562</td>
<td>22,944</td>
<td>66,39</td>
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<td>Capital Transactions</td>
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<tr>
<td>Reversal of provisions and transfer of charges</td>
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<tr>
<td>Total Extraordinary Income (IV)</td>
<td>57,506</td>
<td>34,562</td>
<td>22,944</td>
<td>66,39</td>
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<tr>
<td>TOTAL INCOME (I + II + III + IV)</td>
<td>2,938,712</td>
<td>3,806,899</td>
<td>-868,187</td>
<td>-22,81</td>
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<td>NEGATIVE BALANCE= DEFICIT</td>
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<td>-16,071</td>
<td>N/S</td>
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<tr>
<td>OVERALL TOTAL</td>
<td>2,954,783</td>
<td>3,806,899</td>
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<td>-22,38</td>
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</table>

Activity closed on 12/31/2017 (12 months) from 01/03/2016 to 31/12/2016 (10 months). Variation in %.
## Operating Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>Purchase of goods</td>
<td>39,948</td>
<td>7,201</td>
<td>32,747</td>
<td>454.76</td>
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<td>Inventory Changes</td>
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<td>Purchase of raw materials and other supplies</td>
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<td>68,398</td>
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<td>Change in stocks of raw materials and other supplies</td>
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<td>-57,730</td>
<td>61,393</td>
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<td>Additional purchases not stocked</td>
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<td>198,276</td>
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<td>External Services</td>
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<td>266,585</td>
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<td>Other External Services</td>
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<td>Taxes, duties, and similar payments</td>
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<td>Social Charges</td>
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<td>Other personnel costs</td>
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<td>Grants awarded by the association</td>
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<td>Amortisation and depreciation</td>
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<td>. Fixed Assets: depreciation charge</td>
<td>198,965</td>
<td>138,755</td>
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<td>43.39</td>
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<td>. Current Assets: Depreciation allowance</td>
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<td>. For risks and charges: provisions</td>
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<td>(. Projector use of allocated funds</td>
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<td><strong>Total Operating costs (I)</strong></td>
<td>2,942,912</td>
<td>3,610,800</td>
<td>-667,888</td>
<td>-18.50</td>
</tr>
</tbody>
</table>

Share of income made from joint operations
Deficit transferred – Déficit transféré (II)

## Financial Charges

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depreciation, impairment, and provisions</td>
<td>2,503</td>
<td>743</td>
<td>1,760</td>
<td>236.88</td>
</tr>
<tr>
<td>Interest and similar expenses</td>
<td>4,485</td>
<td>1,423</td>
<td>3,062</td>
<td>215.18</td>
</tr>
<tr>
<td>Foreign Exchange Losses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net expenses on disposal of investment securities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total financial charges (III)</strong></td>
<td>6,987</td>
<td>2,165</td>
<td>4,822</td>
<td>222.73</td>
</tr>
</tbody>
</table>

## Extraordinary Charges

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>On management operations</td>
<td>433</td>
<td>- 433</td>
<td>-433</td>
<td>-100</td>
</tr>
<tr>
<td>On capital transactions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depreciation, impairment, and provisions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total extraordinary charges (IV)</strong></td>
<td>433</td>
<td>- 433</td>
<td>-433</td>
<td>-100</td>
</tr>
</tbody>
</table>

Employee participation in results (V)
Corporate Taxes (VI)

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,884</td>
<td>1,898</td>
<td>2,986</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES (I + II + III + IV + V + VI)</strong></td>
<td>2,954,783</td>
<td>3,615,296</td>
<td>-660,513</td>
<td>-18.27</td>
</tr>
</tbody>
</table>

**CREDIT BALANCE = EXCESS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>191,603</td>
<td>- 191,603</td>
<td>-100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OVERALL TOTAL**

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,954,783</td>
<td>3,806,899</td>
<td>852,116</td>
<td>-22.38</td>
<td></td>
</tr>
</tbody>
</table>

## Evaluation of voluntary contributions

<table>
<thead>
<tr>
<th>Description</th>
<th>Activity closed on 12/31/2017</th>
<th>from 03/01/2016 to 12/31/2016 (10 months)</th>
<th>Variation</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Products</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Volunteers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Benefits in kind</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Donation in kind</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Aid in kind</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Free provisions of goods and services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Benefits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>. Volunteer Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
In 2017, the Foundation was found to be in deficit up to 16,071 euros.

**INCOME**

The sold production, 78,076 euros, corresponds mainly to the Biotherm sponsorship of 60,000 euros H.T.

Operating grants include the Lorient Agglomeration grant for 100,000 euros, the AFD grant of 4,224 euros for the blue book, Oceanomics for 10,006 euros, and 9,000 euros from the French Embassy in Chile for a meeting related to the FFEM project.

The recovery of dedicated FFEM funds, 512,222 euros, corresponds to expenditures made in 2017 for this project.

Sponsorship by Founding Members and Partners having signed agreements amounts to 1,764,100 euros.

Other donors contributed 330,426 euros including 145,000 euros from the Hospices de Beaune charity sale, and 84,000 euros at the fundraising evening.

The extraordinary income corresponds to amortization of scientific equipment. Each year’s share will be counted until a net book value of 0 is reached.

**EXPENSES**

Some expenses such as refueling, fuel, port and stopover costs, travel and missions, Thalos telephone etc… are directly linked to the expedition.

The main expenses are detailed below:

Maintenance supplies worth 57,123 euros mainly correspond to small parts used during work on the boat and to the necessary stock for the expedition.

Costs related to EMBL coordination and post-doctoral students’ compensation amount to 280,498 euros within the framework of the FFEM project.

Maintenance expenses on movable property such as the small maintenance work on the boat represent 65,013 euros.

The GST fees of 59,675 euros are study fees for the project under development.
## FINANCIAL REPORT

**ACTIVITY ACCOUNT RESOURCES (ERC) 2017**

### ACTIVITIES

<table>
<thead>
<tr>
<th>Activities</th>
<th>Allocation by use of the resources collected from the public used on N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Social Missions</td>
<td></td>
</tr>
<tr>
<td>1.1. Conducted in France</td>
<td></td>
</tr>
<tr>
<td>Actions taken directly</td>
<td>330 426</td>
</tr>
<tr>
<td>Payments to other organisations operating in France</td>
<td>330 426</td>
</tr>
<tr>
<td>1.2. Conducted Abroad</td>
<td></td>
</tr>
<tr>
<td>Direct Actions</td>
<td></td>
</tr>
<tr>
<td>Payments to a central organisation or other organisations</td>
<td></td>
</tr>
<tr>
<td>2. Fundraising Expenses</td>
<td></td>
</tr>
<tr>
<td>2.1. Appeal for public generosity</td>
<td>60 029</td>
</tr>
<tr>
<td>2.2. Search for other private funds</td>
<td>126 508</td>
</tr>
<tr>
<td>2.3. Expenses relating to finding grants and other public support</td>
<td></td>
</tr>
<tr>
<td>3. Operating expenses and other expenses</td>
<td>330 426</td>
</tr>
<tr>
<td>I - Total activities for the year entered into the income statement</td>
<td>2 954 783</td>
</tr>
<tr>
<td>II - Provisions</td>
<td></td>
</tr>
<tr>
<td>III - Projected Use of Allocated Funds</td>
<td></td>
</tr>
<tr>
<td>IV - Excess resources for the fiscal period</td>
<td></td>
</tr>
<tr>
<td>V - Overall Total</td>
<td>2 954 783</td>
</tr>
<tr>
<td>VI - Share of gross capital expenditures for the year financed by resources collected from the public.</td>
<td></td>
</tr>
<tr>
<td>VII - Neutralization of amortization of fixed assets financed from the first application of regulation by resources collected from the public.</td>
<td></td>
</tr>
<tr>
<td>VIII - Total jobs financed by resources collected from the public.</td>
<td>330 426</td>
</tr>
</tbody>
</table>

### Evaluations of voluntary contributions in kind

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Missions</td>
<td>-</td>
</tr>
<tr>
<td>Fundraising costs</td>
<td>-</td>
</tr>
<tr>
<td>Operating expenses and other expenses</td>
<td>-</td>
</tr>
</tbody>
</table>
# FINANCIAL REPORT

## ACTIVITY ACCOUNT RESOURCES (ERC) 2017

### RESOURCES

<table>
<thead>
<tr>
<th>Resources collected (= income statement)</th>
<th>monitorinf of the resources collected from the public and used in N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postponement of resources collected from the public unallocatef and unused at the beginning of the year</td>
<td></td>
</tr>
<tr>
<td>1. Products from public generosity</td>
<td></td>
</tr>
<tr>
<td>1.1. Donations and bequests collected</td>
<td>330 426</td>
</tr>
<tr>
<td>Unrestricted manual donations</td>
<td>330 426</td>
</tr>
<tr>
<td>Restricted manual donations</td>
<td>330 426</td>
</tr>
<tr>
<td>Bequests and other gifts (restricted)</td>
<td></td>
</tr>
<tr>
<td>1.2. Other products relating to the generosity of the public</td>
<td></td>
</tr>
<tr>
<td>2. Other private funds</td>
<td>1 764 100</td>
</tr>
<tr>
<td>3. Grants and other public assistance</td>
<td>123 230</td>
</tr>
<tr>
<td>4. Other products</td>
<td>205 734</td>
</tr>
<tr>
<td>I - Total resources for the year listed in the income statement</td>
<td>2 423 490</td>
</tr>
<tr>
<td>II - Reversal of Provisions</td>
<td></td>
</tr>
<tr>
<td>III - Postponement of resources not yet used in previous years</td>
<td>515 222</td>
</tr>
<tr>
<td>IV - Variation of dedicated funds collected from the public</td>
<td></td>
</tr>
<tr>
<td>V - Insufficient Resources</td>
<td>16 071</td>
</tr>
<tr>
<td>VI - Overall Total</td>
<td>2 954 783</td>
</tr>
<tr>
<td>VI - VI-Total activities financed by resources collected from the public Balance of resources collected from the public unaffected and not used at the end of the year</td>
<td>330 426</td>
</tr>
</tbody>
</table>

| Volunteer | |
| Benefits in kind | |
| Donations in kind | |

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USE OF FUNDS

Spending for social missions for the 2017 fiscal year amounted to 2,233,919 euros. Taking the ERC approach validated by the board of directors on June 15, 2017, the entire sum of 330,426 euros collected from the public was allocated for this.

Total spending during the fiscal year was 2,954,783 euros. 75.61% of this was used for social missions, 6.31% for fundraising expenses, and 18.08% on operating costs.

RESOURCES

The other private funds correspond to contributions from founding members and partners having signed conventions. They amount to 1,764,100 euros.

Grants and other assistance of a total of 123,230 euros include the subsidy of Lorient Agglomeration for 100,000 euros, that of the AFD for 4,224 euros, that of the Embassy of Chile for 9,000 euros, and Oceanomics for 10,006 euros.

Other income, 205,734 euros, includes sponsorships, miscellaneous sales, fixed production of documentaries, transfers of charges and benefits in kind, and depreciation of scientific equipment.
METHODOLOGY AND CONTENT

Legal frame of reference
The statement on use of funds from the generosity of the public was established in accordance with provisions of the law of August 7, 1991 and the order of July 30, 1993.

The statement on overall use of funds covers all operations of the Tara Foundation. Application of CRC 2008-12 of May 7, 2008 has been implemented since the 2016 fiscal year, and applies to all activities beginning on or after March 13, 2016. The methods of establishing the statement on use of funds were validated by the board of directors on June 15, 2017. During the 2017 fiscal year, there is no change in methodology.

Social Missions
In accordance with the statutes the social missions of the foundation are as follows:
— Funding of research teams
— Financing the Tara Expedition
— Film Production
— Educational action related to the expedition, exhibitions, and events
— Raising the general public’s awareness

Definition of contributions from the public’s generosity
Funds collected under public campaigns for generosity represent all funds collected by the foundation within the framework of a fundraising campaign, in whatever medium, with the exception of funds collected from sponsorship agreements and foundation resources, which come under other private funds. Other income related to the public’s generosity is exclusively composed of investment income generated by funds collected through public fundraising campaigns.

Principles of cost allocation within the expenditure account
Direct costs are attributed according to their nature, distinguishing between social missions, fundraising expenses and operating costs. Indirect costs are distributed on the basis of the results of cost accounting, adjusted where applicable by the following elements:
Salary and benefits of the general manager distributed as follows:
— 10% Operating Costs
— 40% Fundraising Expenses
— 50 % Social Missions

Principles of resource allocation for financing social missions
The unallocated resources from public generosity are allocated, as a priority, to fund social missions. In the event that a balance remains, the remainder is used to finance the fixed assets allocated for social missions, followed by operating expenses, and lastly, fundraising costs.