



VOYAGE Ⓛ LIGHT

Liter of Light Joins Peace Boat on its 100th Voyage Around the World





Liter of Light is on a quest to end energy poverty.

This December, 1LL is embarking on a 100-day voyage around the world with Peace Boat, a Japan-based international non-governmental and non-profit organization that works to promote peace, human rights, equal and sustainable development and respect for the environment. In this voyage, both 1LL and Peace Boat are set on crossing borders to spread awareness about their causes, with 1LL focusing on addressing energy poverty.





What is Liter of Light?

Liter of Light is a global, grassroots movement committed to providing affordable, sustainable solar light to people with limited or no access to electricity.

In producing easily repairable solar lights with locally available parts, the organization increases communities' self-reliance by integrating a livelihood model with the capacity to quickly assemble lights rather than diverting almost 70 percent of production costs on logistics from overseas.

Beginning with one recycled plastic bottle daylight system with water and 5mm of bleach, Liter of Light upgraded our design to simple solar circuits for nighttime use, mobile charging systems and streetlights, hitting over one 350,000 installations in the Philippines and impacting over one million households around the world in four years.

FILIPINO INNOVATION



How it works.

Recycled 1.5 liter bottles are filled with water and a little bleach to prevent growth of algae and then installed into roofs. The device functions like a deck prism: during daytime the water inside the bottle refracts sunlight, delivering about as much light as a 40–60 watt incandescent bulb to the interior. A properly installed solar bottle can last up to 5 years.



SOLAR LAMP

Utilizes a very simple circuit and opensource technology. Parts may be sourced out locally. The lithium phosphate battery gives 12-16 hours of light everyday. It automatically lights up at nightfall and comes with an on/off switch.



HOUSE LAMP

A unit can light a room up to 50 sq meters for a min of 12 hrs. It comes with a 10 watt solar panel and has USB charging ports that can charge cellphones and other devices.



STREET LIGHT

A unit can light up an outdoor area up to 50 sq meters. It utilizes a deep cycle lead acid battery that will last for 3 years. It comes with a 10 watt solar panel and can withstand strong typhoons.



MOON LIGHT

The Moonlight comes with a small pole-mounted solar panel to charge its internal battery during the day for use at night. The Moonlight has 2 different light intensities.



TIMELINE
**It started
with one liter
of light**

Timeline of Light

2011

Philippines

We light up our first community with just one carpenter and one set of tools.

2011

Colombia

We start spreading our light outside the Philippines.

2012

Philippines

The United Nations Framework Convention on Climate Change recognizes Liter of Light as a Momentum for Change Awardee.

2013

November

Copenhagen, Denmark

Liter of Light wins the Sustainia Prize “People’s Choice” category as one of the top 100 sustainable innovations from around the world. We bested 10 other finalists for the international sustainability award, with our solution winning as the Best Buildings Solution from the 2013 Sustainia100 guide.

2013

December

Tacloban, Philippines

Super Typhoon Haiyan hits the Philippines and knocks out power plants, leaving more than a million people without electricity for over 8 months. 1LL builds thousands of converted kerosene solar lamps, mobile charging systems, and streetlights for these disaster-affected areas. We taught youth groups and women to build solar solutions by hand, lighting up 7,800 temporary shelters in under five months.

2015

January

Paris, France

Liter of Light participates the Launch of the International Year of Light (2015) at the UNESCO headquarters in Paris, France.

January

Abu Dhabi, UAE

Liter of Light wins the Zayed Future Energy Prize in the Non-Governmental Organization category

April - May

Ghana

Working in partnership with an electronic-technical school from the Czech Republic and a local Ghanaian technical school in Kwabeng, Liter of Light brings the power of simple solar technology to the inhabitants of Akukusu, Ghana with permanent, sustainable, solar lighting.



TIMELINE

That little liter of light sparked a global movement.

Liter of Light teams from Philippines and Colombia get invited by the Colombian ambassador to light up villages in Dego, Kontoma and Kumasi in Ghana, exhibiting the kind of South-South cooperation that is enabling developing countries adapt local solutions to address the energy crisis in their communities.

Malaysia

Liter of Light launches in Malaysia with its first installation in the Cameron Highlands

June

Pakistan

Liter of Light and Pepsi collaborates to provide street lights to an IDP (internally displaced person) camp.

August

Milan, Italy

Liter of Light is featured in the Milan Expo 2015, where we were able to share our technology through speeches and workshops.

November

Durham, UK

Liter of Light partners with artist Mick Stephenson to create the largest plastic bottle stain glass window built by student participants to raise awareness about energy poverty and Liter of Light's advocacy.

2016

Around the world

Liter of Light is selected as the beneficiary of the Pepsi Challenge, where real and potential consumers did a blind taste test between Coke and Pepsi. The campaign paired Liter of Light with endorsers Usher, Serena Williams, Jerome Jarre, and Usain Bolt to raise funds for installations around the world.

March

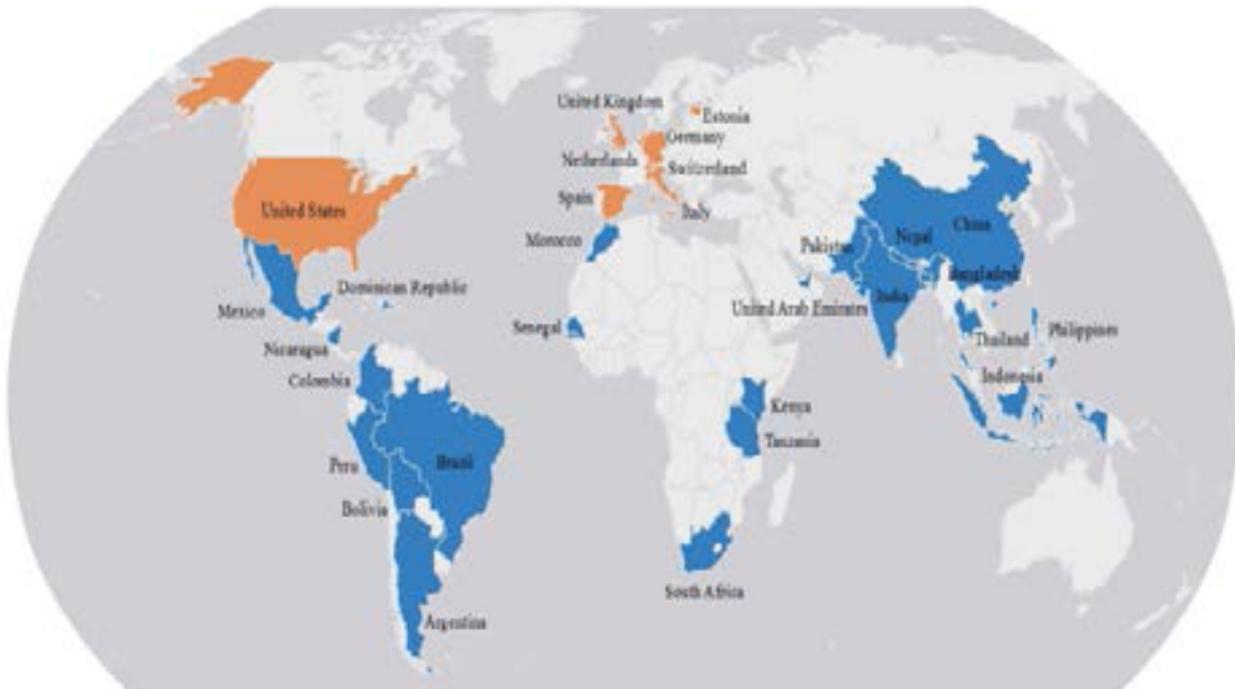
All over the Philippines

Liter of Light partners with The PHILIPPINE Roadtrip to bring light to communities across the 81 provinces of the Philippines. It is the kickoff of a global journey of light that started in the place where Liter of Light was born.

June

Senegal

Liter of Light Italia initiates project with Sine Mbarik community in Senegal, conducting training and installing streetlights in and around the village.



TIMELINE

Liter of Light keeps shining brighter

October

Brazil

Litro de Luz Brazil chapter launches its campaign to bring light to indigenous communities in the Amazon.

Kenya

Liter of Light spearheads its solar street lights and wireless repeating systems in the Masai Mara region of Kenya.

2017

March

Around the world

Liter of Light is selected as one of the top 100 youth led solutions around the world by the Sustainable Development Solutions Network, a youth advocacy partner of the United Nations.

October

Dubai

Liter of Light is recognized as one of 70 Global Innovators from over 2,300 candidates to showcase its technology at the Dubai Expo 2020 as part of the EXPO Live program.

October-December

Across the USA

Liter of Light USA launches the Journey of Light, teaching and training over 2,000 youth from across the United States how to build its solar lighting solutions and raising awareness about energy poverty around the world.

2018

January

Abu Dhabi, UAE

Liter of Light and the ZAYED Future Energy Prize set a world record for environmental sustainability.



Spreading Light Around the World

Join us as our voyage begins on December 26.

This trip not only serves as an avenue for Liter of Light to widen its reach, but also an opportunity for the Filipino spirit and ingenuity to shine on the world stage.

On the boat, the 1LL team will have the opportunity to lead workshops and teach participants how to create solar lights. These lights, along with the ones assembled in advance in the Philippines, will be delivered to communities in need in ports that will be visited in this global voyage.

The begining of a partnership

When Peaceboat and Liter of Light learned about each other's activities during the World Future Energy Summit in Abu Dhabi back in January 2016, the idea of a joint project came up immediately.

Peace Boat has delivered to communities in need goods such as music instruments, stationery and wheelchairs. They are continuing this tradition by partnering with Liter of Light to deliver sustainable lights!





Yoshioka Tatsuya and the President of UN General Assembly Peter Thomson during the Ocean Conference.

About Peace Boat

Established in 1983, Peace Boat is a Japan-based international NGO which holds Special Consultative Status with the Economic and Social Council (ECOSOC) of the United Nations (UN). It promotes peace, human rights, equal and sustainable development and respect for the environment. Peace Boat carries out its main activities through a passenger ship that travels the world. Guided by the UN Sustainable Development Goals (SDGs), Peace Boat's activities onboard and in port empower participants, strengthen local capacity for sustainability, and build people-to-people cooperation beyond borders.

Every year, Peace Boat organizes three Global Voyages, and two East Asia Regional Voyages. The Global Voyages are three-month round-the-world cruises, each visiting around 20 countries, and carrying 1000 participants. Peace Boat voyages create a unique environment in which people can live, learn and relax together while visiting some of the most fascinating regions on earth. During each voyage, Peace Boat organizes a range of educational activities, including conferences by guest educators, workshops, lectures, language classes and cultural programmes. The themes of these activities link Peace Boat's fields of work with contemporary issues in the countries it visits, connecting participants with people around the world.



The World Voyage

The voyage will kick off in Yokohama, Japan on December 26, 2018, and will last for almost 100 days, docking in 19 ports around Asia, Africa, and South America.

Peace Boat's 100th Global Voyage for Peace will depart from Yokohama, Japan, on December 26 and will return on March 31, 2019 after visiting as many as 19 ports in 13 countries. This voyage will cover a southern hemisphere route, visiting Madagascar, South Africa, Brazil and the incredible nature of Patagonia in South America. It will also visit Mauritius, Rapa Nui, Tahiti and Samoa so the participants can learn about the issues faced by the indigenous people of these islands. The joint activities with Liter of Light will constitute one of the main themes of this voyage, alongside the celebration of the 35th anniversary of Peace Boat.

Peace Boat Activities

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On Board

During the voyage, participants will be able to participate in different educational programs that cover contemporary global issues including conflict, human rights, climate change and the environment, while at the same time interact with other participants who are all in the same boat to find creative solutions to problems that exist and affect communities and individuals around the world.





On Land

The ports is where Peace Boat builds alliances with people and organizations to spread their mission to promote peace and sustainability. Participants get to visit community wind farms, eco-villages and refugee support centers, and meet local groups such as indigenous communities, human rights organizations, and social business cooperatives.



Be part of this historic voyage!

You too can be part of this journey and help 1LL spread light by joining our volunteer event where you can learn and create your own solar lamps, which the 1LL team will bring on their journey around the world. You may also organize private workshops for your organization or company. To request further details kindly email gilda.balan@literoflight.org.



www.literoflight.org



www.peaceboat.org