

La Paillasse Manila

Maker Beach Project



AWESOMELAB



LA
PAILLASSE
MANILA

Who are we?

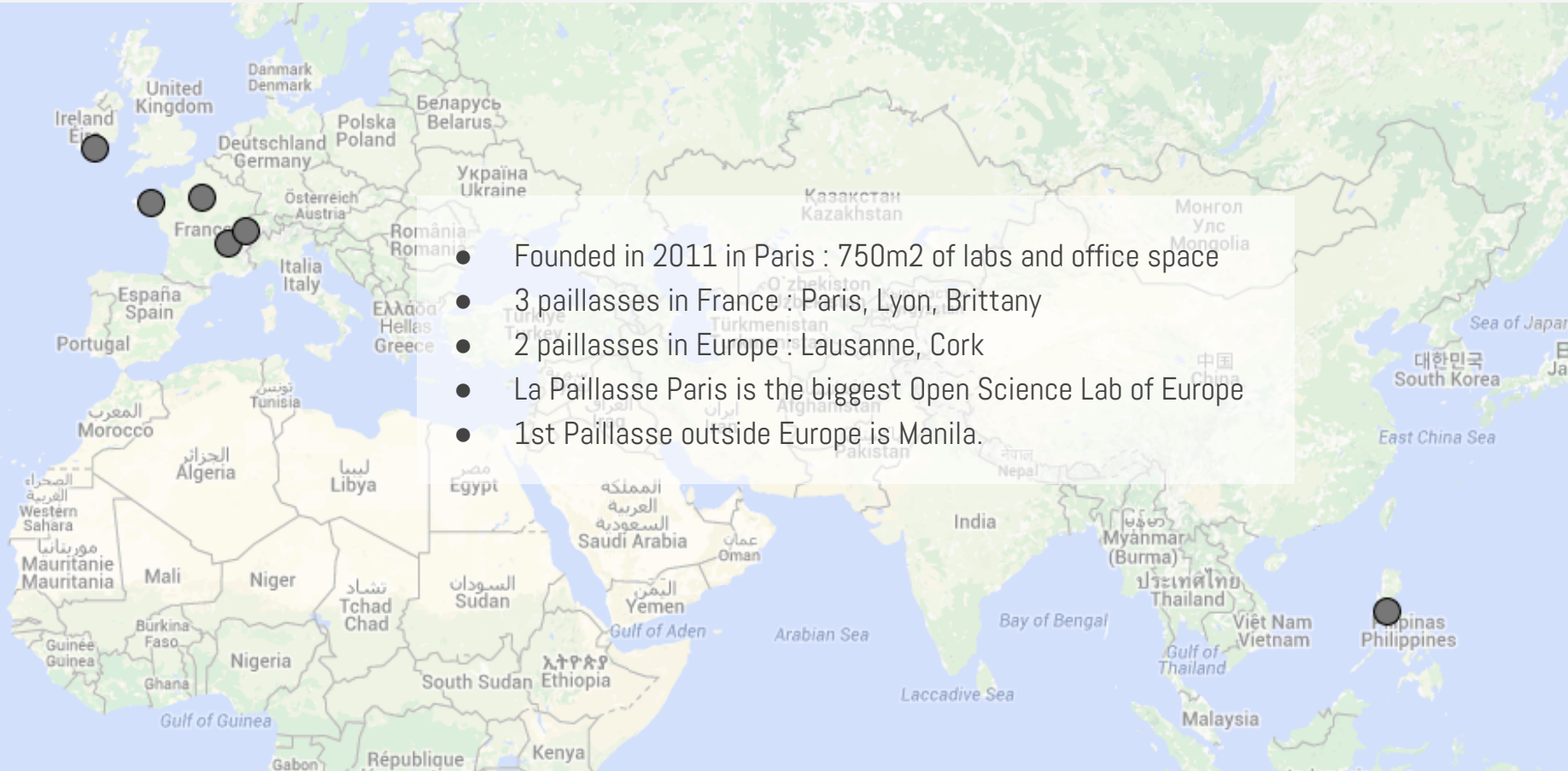


La Paillasse is a network of community-labs offering resources for projects related to science & technology. It promotes Low-cost, Open Source & Impactful innovations.

AwesomeLab is an experimental research lab with an interdisciplinary team. They offer innovative solutions for companies & develop their own disruptive technologies bringing global impact.



La Paillasse network around the world



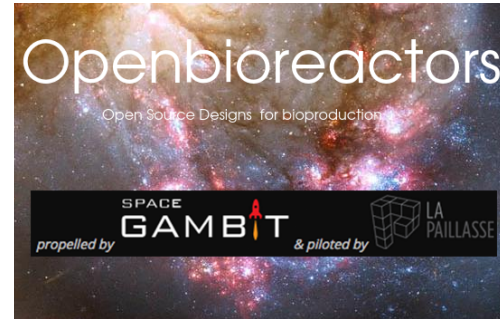
- Founded in 2011 in Paris : 750m2 of labs and office space
- 3 paillasses in France : Paris, Lyon, Brittany
- 2 paillasses in Europe : Lausanne, Cork
- La Paillasse Paris is the biggest Open Science Lab of Europe
- 1st Paillasse outside Europe is Manila.

What have we already done?



**ScoPeek
by AwesomeLab**

**DIY & low-cost
microscope kit**



**Openbioreactors
by La Paillasse**

**DIY
Bioproduction**



**Pili
by La Paillasse**

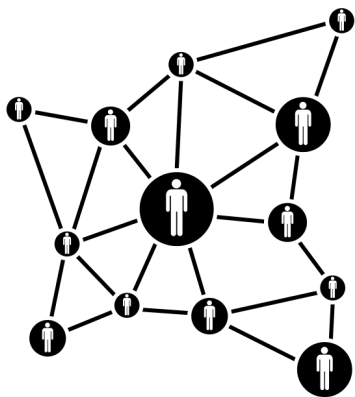
**The 1st
biofabricated
colors**



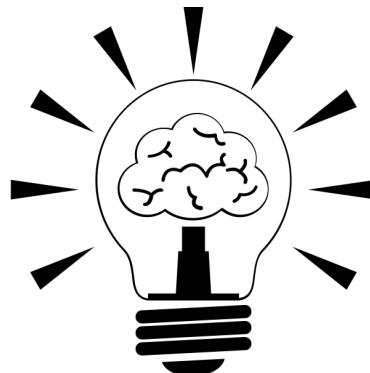
**Popup MakerSpace
by AwesomeLab**

**Pedagogical
Makerspace
for the Mind Museum**

Our vision

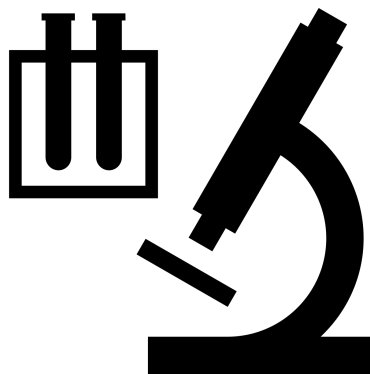


Community
Global Network
Interdisciplinarity



Creativity
Disruptive innovation
Open Source

Open laboratory
Science & Technology
DIY & Low-cost



Social Impact
Biodiversity protection
Scientific research

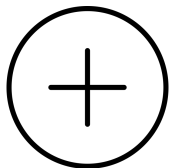


Why the Philippines?

2nd fastest growing economy

New hacker/maker ecosystem

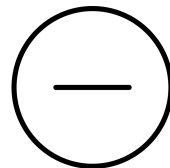
80% of the world's plant and animal species



Poverty rate rising up to 26%

Important brain drain

2nd most disaster-prone country



Our idea

Open the 1st filipino community lab for innovation

**Give access to great resources
& to an international community**

**Promote *Do It Yourself*
& Low-cost projects**

**Develop solutions with social
& environmental impact**

Testimony

“What is the biggest adversity that you experienced in your research?”

“- My personal lack of resource tops the list. Also, the lack of facilities and tools that I can use or borrow to do my experiments.”

- May 6, 2015, Asian Scientist Magazine

ASIAN SCIENTIST
News and information from the asian scientific community



*Aisa Mijeno, co-founder & CEO of SALT
Sustainable Alternative Lightment*

Challenges

1. Find a place & central location



Manila is huge & the traffic terrible

2. Involve the community
in the long term



People don't have a huge amount
of time available

3. Find a sustainable
business model



All of the many attempts to open a
hacker space failed after 6 months

Our solution : the MakerBeach project

1. An attractive location: a beach resort at < 3hrs ride from Manila
2. A fully equipped laboratory with high-speed internet access
3. A high-quality service during your stay



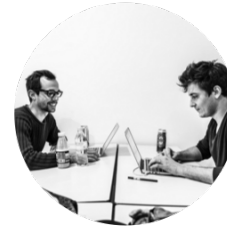
**Location of the
MakerBeach Resort**

The map shows the Philippines with a red rounded rectangle highlighting the location of the MakerBeach Resort in Mariveles, Batangas. The text 'Location of the MakerBeach Resort' is written in blue bold font inside the rectangle. The map also shows major cities like Manila, Makati, and Caloocan, and geographical features like Mount Mariveles and Bataan Natural Park.

Way more than a hackerspace



Science & IT Lab



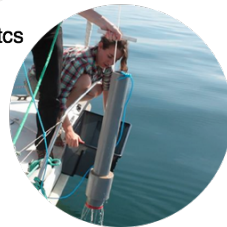
Co-working space
& workstation



Artistic projects



Voluntourism &
ecotourism



Scientific expeditions



Agricultural
experimentation



High speed internet



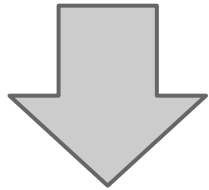
AWESOMELAB



LA
PAILLASSE
MANILA

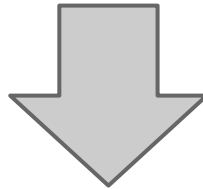
The best place to work

- Only a 2-hours drive from Manila
- A paradisiac location
- A high-speed internet access
- Accomodations to stay several days
- An creative & innovative environment
- An inspiring community



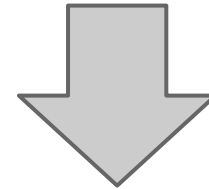
Workation

*for international freelancers,
entrepreneurs, teleworking...*



Co-Working

*for people & innovators
from Manila or around*

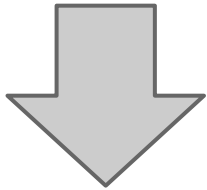


Team Building

*An astonishing location with a
creative environment
for your employees*

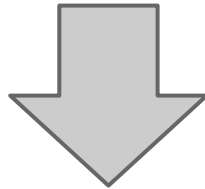
A creative place

- A fully equipped laboratory
- Data base of open-source projects
- Curators
- Free areas for experiences
- Make your own products / souvenirs
- An inspiring community



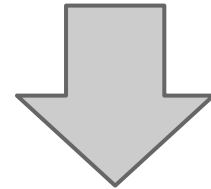
Hacker/Maker Space

*3D printers, laser cutting,
Arduino devices for prototyping*



Artistic residencies

*Get more creative with an
interdisciplinary environment*

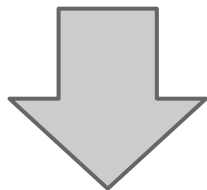


Community garden

*We promote a sustainable
lifestyle through local production*

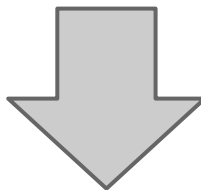
A meaningful experience

- At the heart of the richest eco-system
- Environmentalist missions
- Social tours in the country side
- Scientific inventories
- Teaching sessions to local communities
- Implementation of low-cost solutions



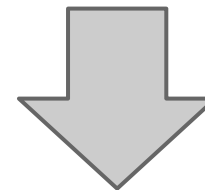
Volunturism

Help local communities through education & social actions



Scientific Research

Host of scientific expeditions & focus on maritime exploration



Local Development

Develop partnerships with schools & local entrepreneurs

First projects



Mapping of the caves

Caves & their ecosystem are still badly known



Introduction to DIY production

3D printing, laser cutting... Do it yourself!



Bacteria test for local farmers

Distribution of small kits for a better production



Actions against sea pollution

Collect and inventory of gargabe

First projects



**Give access to
great resources**

*Makers will find
the state-of-the-art
knowledge*



**Community
garden**

*We promote a
sustainable
agriculture*



**Develop low-cost
energy production**

*Partnership with
SALt?*

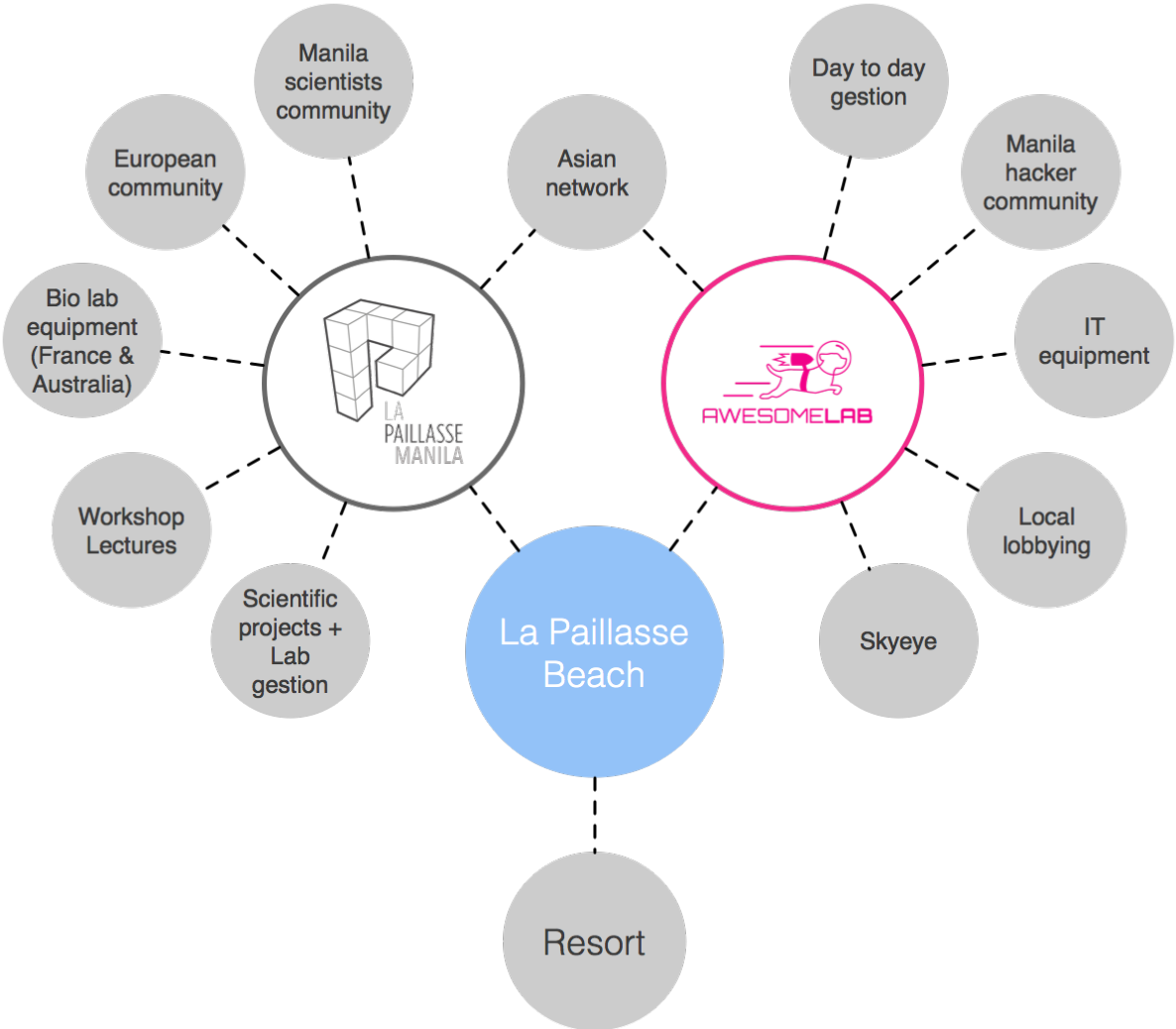


**Pedagogical
animations**

*Partnerships with
public schools to
promote
innovation*

AwesomeLab & La Paillasse

*Partnership
for a greater
impact*



They are already working with us



Creation of pedagogical content related to science



250 members in La Paillasse Manila virtual community



Good connections in the international maker network



Partnerships with the NGO GK to scale our impact

A proactive community willing to get involve in the project



Second meet-up of La Paillasse community in Manila

They speak about us



Le Monde

WALL STREET JOURNAL

WIRED

L'OBS