

Maybe some other project in 2020?

Lifepatch is involved with upcycle festival and Ministerium für Umwelt. Sometime in the middle of next year, 2020.

“As the curatorial theme, Lifepatch will emphasize outreach to a broad and diverse network, one that is not only about people working collaboratively (DIWO - Do It With Others), but also one that responds to certain sites and utilizes resources and materials which are sustainable and environmentally-conscious. The specific site of interest will be Trimulyo Village, Jetis Sub-district, Bantul, a village which is located closest to the sea and is passed by Code River, the most polluted river in Yogyakarta. Because the works will be exhibited near or in the village, we hope that they won't be simply visual pieces whose end result become only objects, but also have a function for the residents of village Trimulyo. In addition, each group is required to use environmentally-friendly materials, non-plastic materials, or recycling waste found around the village. Overall the process and end result of the works should not campaign for the consumption of objects thereby generating more waste, rather, they should be in the spirit of reducing waste production. The number of selected works and projects will be minimized so that more focus is placed on results of group collaboration. The production process will take place between 1-2 months, where artists will be teamed with non-artists, fostering interdisciplinary ideas. The artists selected does not need any prior experience with environmental sustainability and/or in collaboration with others, as long as they can meet the challenge of producing new works. The non-artists will include experts, academics, individuals who have never made art, and the local residents. For example, experts can be students from the Environmental Engineering campus, and non-artists can be environmental activities, members of nature-appreciation communities, or crafters.”

Plastikologi 2018 - Indonesia



Where is the plastic in the image above?
One little part....

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Plastikologi - Indonesia 2018

Seems like some the team at HSLU wants to focus on communities in the region of Switzerland.... Sorry. We tried.

Short description

Small collaborative community event series in Yogyakarta and Semarang around the topic of “Plastic: ReCycling, ReCovering and ReUse”, mostly focusing on urban rivers, continuity of earlier projects like [JRP](#) and current collaboration of Lifepatch and Hysteria, established earlier during [MBMB](#).



Schedule

3-4 July, Rumah Lifepatch, Yogyakarta

Kick-off and brainstorming meeting. Reflection on earlier activities, such as [JRP 2012-2018](#), current interest of the community members, collecting ideas of DIWO sampling and analysis methodologies, approaches for community involvement and activation.

Mid July, Semarang

To be described after kick-off

Ideas and Notes

Hmmm....

Contribute to ongoing collaboration with Hysteria, Semarang.
Forest... no
Beach? Maybe....

Note from Marc:

Maybe we can make some floats/boats. Like we did with Tibor...

Timbil:

Plan to have MBMB 2nd event with at Semarang and Hysteria as a host. Focusing on river pollution at Kali Semarang river or Banjir Kanal Barat, Semarang city, Central Java. We plan to have MBMB 2nd event on September 2018 but start it with pre event mid-end of July by river walking or collecting waste sample etc. Semarang also a port city that we can try to identify what kind of plastic wasted that mostly washed on the shore or beach.

So maybe we can collect samples from Code river and Parangtritis beach Yogyakarta compared with samples collected from Semarang river and beach.

Maya:

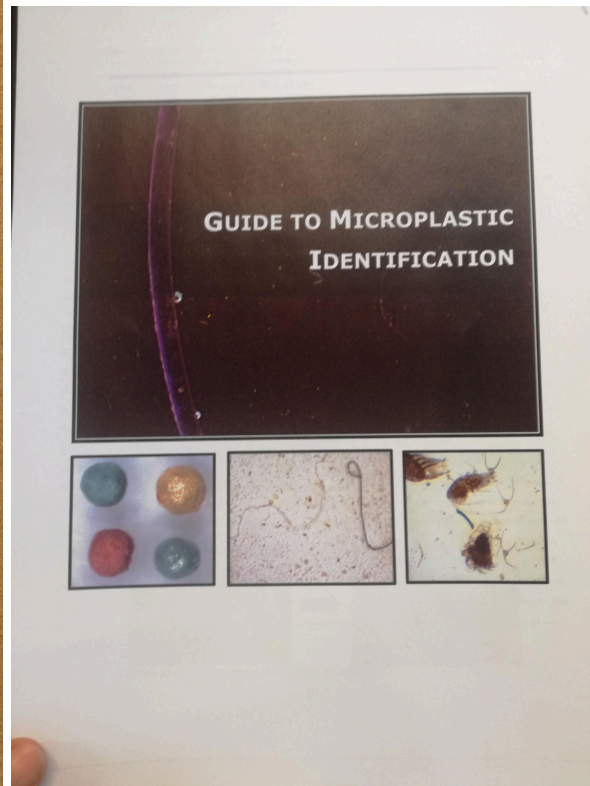
I think we just search for microplastic everywhere! In Food, Water (Tapwater, Bottledwater, Toiletwater), Food (icecream, sausage, jelly, soto ayam, toast bread) Soil (question of microplastic within the soil, should be the same Process to make probes like with sand, look at the manual)

Manuals/Methodology for searching microplastic:

Nordic Baltic Biomedica Network

In April 2018 Marc and me visited Kolding Biohack Event with the *Nordic Baltic Biomedica Network* and discussed different methods of Bioplastic, Biomaterials and also applied methods of searching for microplastic in beach sands.

The way is very simple and easy to repeat with materials like coffee filter, hot needle, microscope or black UV-light. There are some appropriated rules, like the Hidalgo-Ruz Rules to easily identify microplastic. I add here some pictures of the manuals I took back then. (file is following)



PDF here:

<https://docplayer.net/27438419-Guide-to-microplastic-identification.html>

Or I found this online from marinaderbis.noaa.gov:

https://marinedebris.noaa.gov/sites/default/files/publications-files/noaa_microplastics_methods_manual.pdf

Resources

Seawaters

Protocol for Microplastics Sampling on the Sea Surface and Sample Analysis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5226407/>

<https://www.jove.com/video/55161/protocol-for-microplastics-sampling-on-sea-surface-sample>

Another initiative, have contacted GOSH for whatever reasons:

<https://sloactive.com/plastic-pollution/>

Beach

A standardized method for sampling and extraction methods for quantifying microplastics in beach sand

https://www.researchgate.net/publication/308004562_A_standardized_method_for_sampling_and_extraction_methods_for_quantifying_microplastics_in_beach_sand

This video is a tutorial for the collection of sand samples for beach microplastic research.

<https://www.youtube.com/watch?v=4lhYSEpNJZ8>

Rivers:

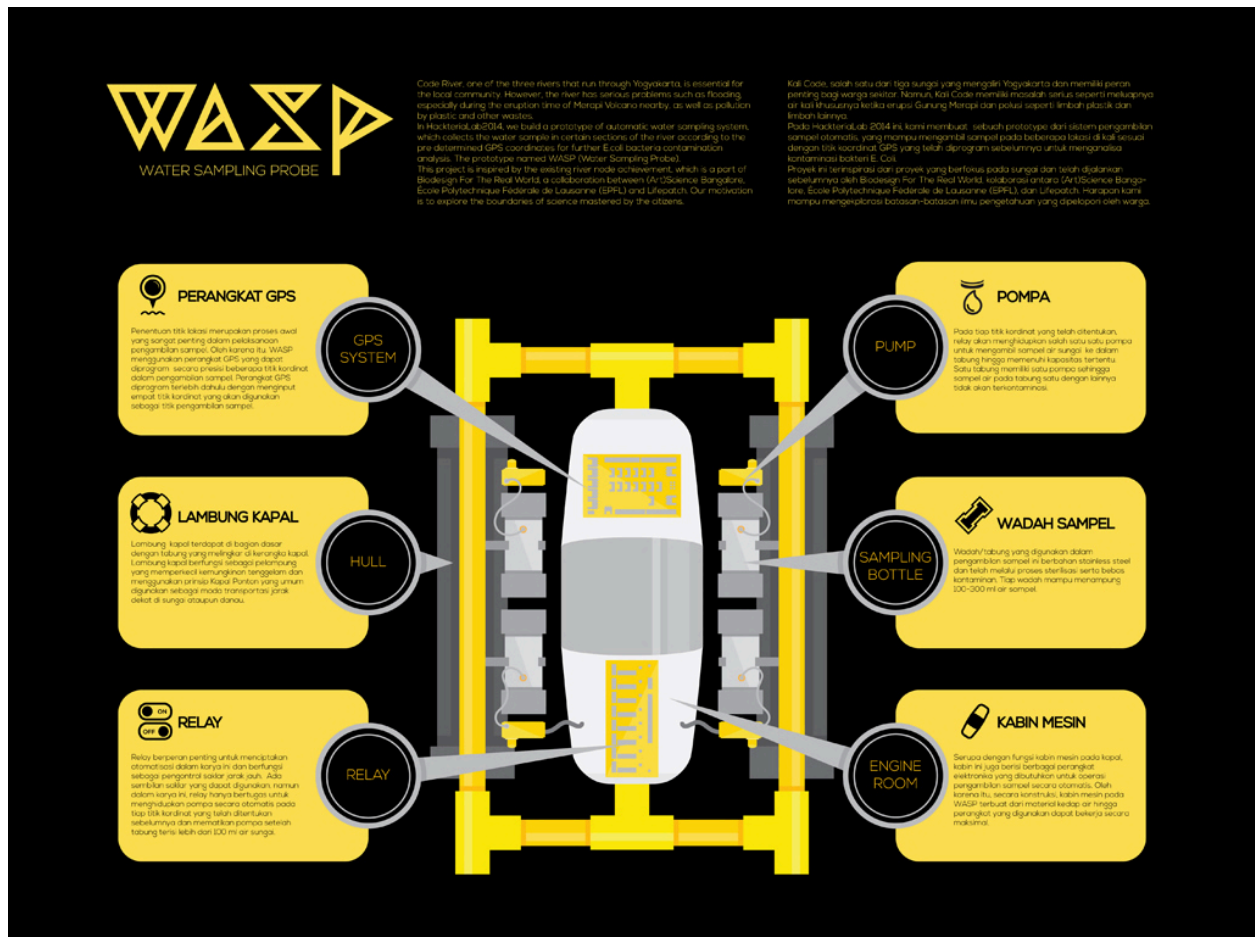
Note from Kat:

for the ALB Microplastics workshop we are basing our microplastics in River Panke research on this protocol

<http://courses.washington.edu/uwtoce12/methods/sops/microplasticlabmethods.pdf> - we're testing DIY protocols (using 12% peroxide from hair bleaching solution and iron tablets) during the workshop and will be generating results during the workshop that will be shared afterwards. You can do a similar thing with fish guts to see what's inside.

Good old times at HLab 14... WASP

https://www.hackteria.org/wiki/HLab14-Exhibition#WASP_.28Water_Sampling_Probe.29



Another friend from Berlin.

<http://sebastianmuellauer.com/>

Some other stuff of general interest

Data Colonialism: Critiquing Consent and Control in “Tech for Social Change”

<https://modelviewculture.com/pieces/data-colonialism-critiquing-consent-and-control-in-tech-for-social-change>

PTWIST MICROPLASTIC - HUMUS SAPIENS:

Granulogie: seems the Logic for to be twisted, or what would others say?

Here a fundierte-gummi-strategie working with kautschuk...

<https://gezolan.com/assets/documents/Granulogie-Erfolg-dank-fundiertem-Gummiwissen.pdf>

Just a short input to the observation at the sports place in Luzern for a deeper understanding, plastic is what?

Background

Partners local

- [International Hackteria Society](#), Marc Dusseiller
- [Lifepatch - Citizen Initiative for Art, Science and Technology](#) (Yogyakarta), Agus Tri Budiarto, Geger, Nopel, et al.
lifepatch – citizen initiative in art, science and technology: is an independent community-based organization working in creative and appropriate application in the fields of art, science and technology. It's an organization run by multi-disciplinary people that reflects the active local creative community and the confluence of academic institutions of higher education in Yogyakarta in Central Java.
- [Kolektiv Hysteria](#) (Semarang), Kartoun et al.
Hysteria is a community laboratory that specializes in youth empowerment based on collectivity and has great concern in art and city issues. The community has been running since 2004. Originally initiated by Yuswinardi in a form of publishing literature

leaflet. Later more members join in, Heri CS, Sutyono Sajad, and Adin, and since then Hysteria not only publish zines, but also actively organized various art activities.

- Tenjo? GreenTech

Partners International

- Urs Gaudenz, GaudiLabs, Interfacing with HSLU research team
- CreaLab, HSLU research Team
- Kat Austen, consulting, virtual
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Funding

This is part of the ongoing research project “PlasTwist” at HSLU, CreaLab & Fablab Luzern. Community collaborations and outreach activities in collaboration with the International Hackteria Society.

PlasticTwist - PTwist

“PlasticTwist: An open platform for plastic lifecycle awareness, monetization, and sustainable innovation”

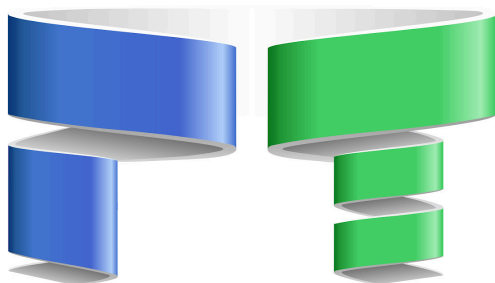
See [Link on HSLU website](#)

“Official” website: <http://ptwist.eu/>

Volume for HSLU: 400'000.- , Dauer: 01.01.2018 – 31.12.2019

The project is part of the Pilot on Open Research Data in Horizon 2020.

Link to original application?



PTwist

an open platform for
plastic lifecycle awareness, monetization
and sustainable innovation

intensify stakeholder (citizens communities, inventors, innovators, and entrepreneurs) involvement and engagement, with emphasis on the social gains and sustainability potential. PTwist will largely impact : citizens and grassroots groups co-creation, innovative and trusted collaboration and knowledge transfer by increasing all stakeholders awareness; plastics as an asset potential due to increasing its circular economy re-entering; and blockchain based novel routes to markets. Innovation activities in PTwist will be based upon existing open source, blockchain, gaming, crowdsourcing components, open data solutions and developments to the largest possible extent.