

# PLASTICS IN OUR OCEAN

A micro or macro challenge?

A hands-on workshop tailor-made for participants for  
"co-understanding the challenge & co-constructing actions"

1-2 October 2019

CIC nanoGUNE, Donostia - San Sebastian, Spain



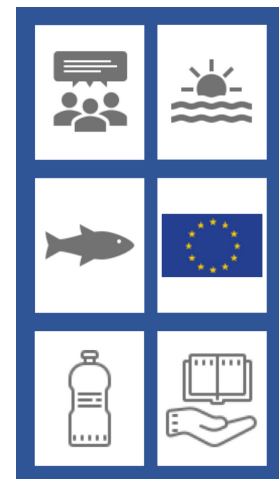
# At a glance

## THE EVENT...

... focuses on tackling the societal **challenge of reducing and preventing the presence of plastics and microplastics in our ocean**, by understanding the **negative effects** of these materials in the ocean, **assessing the utility of plastics** in our daily life, and **revising current practices** of consumption, use and management of these useful materials **in Europe at a societal scale**. While doing so, the event will **delve into the role, science, technology, industry, policy and society** can play to accomplish the challenge responsibly in today's complex scenario.

- The event is a **hands-on workshop in English, tailor-made for 20-25 participants from all across Europe, seeking co-learning and co-creation amongst** a heterogeneous group of **people** with complementary profiles **coming from the industry, policy, science and society**

- **Benefits** for participants are **filling knowledge gaps, getting ideas for realistic actions** to take home, **working with key stakeholders, making their voice heard, networking**, etc.



- The event is in **Donostia-San Sebastián, Spain on 1, 2 October 2019** (starting at 9:30 on 1/10/2019 & ending at 14:00 on 2/10/2019)
- All participants are eligible for a **travel grant** which is subjected to certain terms and conditions
- The **application deadline** is **31 July 2019**
- Participants will know if their **application succeeded** by **9 August 2019**



# Benefits

## SEVEN BENEFITS FOR PARTICIPANTS

1

Identifying capacities and filling knowledge gaps in the subject

2

Exchanging useful knowledge about the challenge proposed, the value of plastics and the consumption, use and management of these materials in Europe

3

Getting ideas for realistic actions to take home and their planning, considering the complexity of the challenge and scenario

4

Assessing actions and approaches against the existing obstacles and barriers

5

Making their voice heard amongst and getting feedback from a heterogeneous group of people which aims at reaching consensus

6

Creating a network of key and engaged stakeholders from science, industry, policy and society from all across Europe

7

Aligning better the actions to accomplish the challenge with the needs and expectations of society

**All those who own the challenge  
(have something at stake),  
own the way to accomplish it**

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# Event logistics



## APPLICATION DEADLINE

**31 July 2019**

## OFFERING YOU A PLACE

**9 August 2019**

## WHOM TO CONTACT

**Nagore Ibarra González**

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## EVENT VENUE

### CIC nanoGUNE

Tolosa Hiribidea, 76

20018 Donostia-San Sebastián, Spain

## DURATION

**Start: 1 October 2019 at 9:30**

**End: 2 October 2019 at 14:00**

## MEALS INCLUDED (number)

Early morning coffee/tea (2), lunch (1),  
coffee/tea breaks, drinks & appetisers

## TRAVEL GUIDE

See **booklet** about on event website

## HOW TO JOIN

If you want to join, fill in the online application form specifying your profile, expectations and interests in the event and ways you would like to contribute further to its design.

**[www.nanogune.eu/event/plastics-our-ocean-micro-or-macro-challenge](http://www.nanogune.eu/event/plastics-our-ocean-micro-or-macro-challenge)**

## TRAVEL GRANT

There is a travel grant available for participants to cover (part of the) expenses (accommodation and transport). Benefiting from it is subjected to certain conditions specified in the application form.

**"Use the collective wisdom & brainpower to define realistic actions to accomplish the complex challenges of today!"**

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# Tailor-made for participants

## TAILOR-MADE WORKSHOPS BASED ON DIFFERENT METHODOLOGIES, CASE STUDIES & FIT FOR PURPOSE ACTIVITIES

**Our participants** will be all experts in the challenge, knowledge providers, as well as solution designers. They own the challenge, so they also own the actions needed to accomplish it.

**Our organisers** will produce the material and design the activities to build a tailor-made event of the maximum value and impact based on participants' expectations!

**"The event is thought to ensure mutual learning and cooperation in a friendly, respectful, creative and enjoyable but also dynamic, focused and dedicated atmosphere"**

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### MATERIALS & ACTIVITIES

- **Compilation of facts, problems, challenges, obstacles/barriers, solutions available, etc.** – from scientific references, audios, videos, documents
- **A review document** to set up a common background before the event
- **Case studies** about specific challenges, problems, barriers, actions and solutions for analysis and assessment during the event
- **Elevator pitch, short talks, thought provoking questions** about issues, etc. for creating dynamic sessions and opening discussions
- **Hands-on activities** for co-learning and co-creation designed based on participants' interests

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# Aim in detail



## **CO-UNDERSTANDING THE CHALLENGE & CO-CONSTRUCTING ACTIONS**

The event focuses on tackling the societal challenge of reducing and preventing the presence of plastics and microplastics in our ocean, by understanding the negative effects of these materials in the ocean, assessing the utility of plastics in our daily life, and revising current practices of consumption, use and management of these useful materials in Europe at a societal scale. While doing so, the event will delve into the role, science, technology, industry, policy and society can play to accomplish the challenge responsibly in today's complex scenario.

In the light of the above, the purpose of the event is to gather 20-25 participants from all across Europe, who are affecting and/or affected by the challenge and are willing to work together to understand it, identify existing barriers to accomplish it and elaborate proposals of realistic actions to achieve it. With this in mind, the event aims at having a heterogeneous group of participants composed of researchers, industry, business, policy makers and implementers, citizens, NGOs, educators and communicators.

The event is thought as a hands-on workshop in English, tailor-made for participants, seeking co-learning and co-creation. Its activities are designed to ensure individuals fill knowledge gaps, produce proposals of realistic actions to take home, get feedback on shared ideas, reach consensus while their voice is heard, and network. With the aim of hosting an event of maximum usefulness and impact, the questions to be addressed will encompass general issues of concern for society, as well as more specific issues pointed out by the participants upon filling in the application form.

The event has two ultimate goals. Firstly, learning about the complex societal challenge proposed, by listening to and understanding those who are facing it from different perspectives. Secondly, using the collective wisdom and brainpower to propose realistic actions to accomplish the challenge, which can ensure environmental and economic sustainability, welfare and richness to all – in the quest for building a more responsible society and preserving our planet.

# Team

**Looking forward to having you  
at the event!**



## **Mato Knez**

Since 2012, he is IKERBASQUE Research Professor and leads the Nanomaterials Group at CIC nanoGUNE. He developed his early career as researcher at the University of Ulm and two Max-Planck Institutes in Stuttgart and Halle in Germany, where he received renown awards for his work. His research focuses on the modification of materials properties by developing polymer-inorganic hybrids for textiles, electronics, biomedical materials, etc. in the quest for environmentally friendly materials with improved performance.



## **Nagore Ibarra González**

After being granted a PhD (Materials) by the University of Cambridge in 2015, she became an EU fellow at CIC nanoGUNE. Her work has since focused on putting into practice the Responsible Research and Innovation Principle through the execution of H2020 EU projects.



## **Tânia Pereira**

She is a Marine Biologist, doctor in Marine, Earth & Environmental Sciences with expertise in seaweed cultivation & applications. Currently, as researcher at CIIMAR / University of Porto, she works in promoting the study of ecosystem services through the EKLIPSE mechanism.



## **Bentejui ("Bente") Medina Clavijo**

He is a young researcher at CIC nanoGUNE expert on the study of metals using electron microscopy techniques. He is interested in developing a method for detecting and characterising microplastics in water, food, etc. as well as on disseminating the unwanted consequences of these materials in our environment and, ultimately, in the human being.



## **Ainara Garcia Gallastegui**

She is a doctor in Chemistry with 15 years' experience in consulting and research in applied nanotechnology and co-inventor of 5 commercial granted patents. Currently, she strategically drives and coordinates internal activities towards the market needs at CIC nanoGUNE. She gained international experience working for Bio Nano Consulting in London (UK), Imperial College (UK), Center of Excellence for Nanostructured Materials (Italy) and Tecnalia (Spain).



## **Andreas Seifert**

After his PhD in Physics, he dedicated his career to the field of optics and photonics, working in leadership positions in the industry (Carl Zeiss) and at the University of Freiburg, both in Germany. Since 2015, he is IKERBASQUE Research Professor and Group Leader in Nanoengineering at CIC nanoGUNE. His contribution has been recognised with renown awards. Currently, he is working on a research project about microplastics in the ocean.

## **Lisa Wiedemann**

She works at ZubiGune Fundazioa (Spain), which fosters continuous training in renewable and efficient energies, manufacturing, administration, etc. She has experience organising awareness workshops about environmental and social issues and managing EU projects. She is also volunteer at the Surfrider Foundation for the protection of the ocean.

## Organised by



## Collaborators



This capacity building event has received funding from the European Commission through the EKLIPSE EU project of Horizon 2020 research and innovation programme under GA No 690474.