

# SET OF RECOMMENDATIONS TO IMPLEMENT NBS & PARTICIPATORY PLANNING

## Experiences from Puerto Montt & Piraeus

Social inclusion to strengthen the sustainability of future initiatives and urban policies

*Puerto Montt and Piraeus are exchanging innovative social engagement techniques and local experiences implementing Nature-based Solutions (NBS) initiatives, generating knowledge related to the crucial role that citizens have in the sustainable development. The cities have prepared a set of recommendations for efficient participatory planning processes in NBS projects. In this context, Puerto Montt expects to apply these lessons of co-creation and green solutions in the urban park "La Paloma", which has wetlands and abundant native forests.*

### RECOMMENDATIONS TO IMPLEMENT NBS & PARTICIPATORY PLANNING



A

Local site  
Analysis



B

Stakeholders  
Engagement Plan



C

Planning and  
Preparation



D

Implementation  
Process



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# Nature-based Solutions (NBS)



## Nature-based Existence (NBE)

Public Health (PH)

Well-Being (WB)

## Participatory Planning

the social inclusion will strengthen the sustainability of future initiatives and urban policies



## RECOMMENDATIONS TO IMPLEMENT NBS & PARTICIPATORY PLANNING



A

### Local site Analysis

Understanding of natural and cultural resources, correctly identifying all stakeholders

- **Map important stakeholders**, such as economic, social, and environmental actors
- **Analyze the value of natural resources** in and its essential functions
- **Identify sociocultural or indigenous knowledge** (if applicable) and consider their worldview based on sustainability



B

### Stakeholders Engagement Plan

Designing the overall strategy for social engagement must be creative, innovative and inclusive

- **Advertise event** on municipality's social media
- **Prepare creative and explanatory** graphics and charts
- **Ensure the inclusion** of all targeted groups
- **Expose alternatives of participation**

With wearable device (emotion sensor)

Without a wearable device



Wearable Emotion Sensor © Sentio Labs  
provided by the euPOLIS



C

### Planning and Preparation

All the activities must be planned and timely informed to the participants

- Participatory sessions should consider criteria of **geographical proximity and cultural appropriateness**
- Inform as much as possible about future events in the design, construction and evaluation of **NBS in their area**
- **Define Needs and Requirements** in the intervention area
- Define **iterative process with specific groups**, such as city planners and local residents,



D

### Implementation Process

All activities must be developed while working together with participants

- **In situ survey and preliminary workshops**
- Final conceptual solution and **engagement of volunteers using ICT tools**
- **Collect traditional knowledge** on natural resources
- **Co-design NBS interventions** complementing grey infrastructure
- **Co-monitoring**, present set of interventions to receive feedback to improve the project
- **Co-evaluation**, consultation process before, during and after intervention