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# **HEALTHY CORRIDORS FOR THE CO-CREATION OF SOCIAL, ENVIRONMENTAL AND MARKETABLE NBS**



Valladolid, 20-21 September, 2018.



**01**

**Who we are?**

# URBiNAT CoP

## Denmark

-  Høje Taastrup City
-  DTI
-  SLA
-  City Facilitators



## Sweden

-  IKED

## Germany

-  Hochschule OWL




## China

-  Shenyang City
-  NSCJL

## Belgium

-  Bruxeles City
-  U. Antwerpen

## France

-  Nantes City
-  CNRS - IRSTV
-  ITEMS

## Slovenia

-  Nova Gorica City
-  U. Gorica

## Japan

-  U. Setsunan

## Portugal

-  Porto City
-  Domus Social
-  CIBIO
-  CES
-  U. Coimbra
-  GUDA

## Spain

-  IAAC
-  NGS

## Italy

-  Siena City
-  IULM
-  Fond. Feltrineli

## Bulgaria

-  Sofia City
-  UACEG


## Iran

-  Khorramabad City
-  ICC

**Brazil**  
 URBEM

## Oman

-  PEIE



**02**

# **Why are we together?**



# URBINAT

## Healthy corridors as drivers of social housing neighbourhoods for the co-creation of social, environmental and marketable NBS

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 776783



# URBiNAT Objectives

## PLACE

## PEOPLE

## IMPACTS

**1**

### **SOCIAL COHESION**

=

**Living Labs**

+

**Inclusive Community of Practice**

+

**Local governance**

**2**

### **CO-CREATION**

=

**Co-design and co-implement**

+

**knowledge sharing**

+

**Replicability + monitoring**

+

**Dissemination + market**

**3**

### **URBAN REGENERATION**

=

**Healthy Corridors**

+

**NBS**

+

**Systemic changes**



**03**

**What's our  
idea?**

# Healthy Corridor Concept

**Innovative model of urban regeneration addressing NBS**





# PERIPHERICAL URBAN AREAS

**DEPRIVED AREAS**

**Inequalities / Opportunities**

**Industry**

**Education**

**River**

**Sport**

**PEOPLE**

**Highway**

**Park**

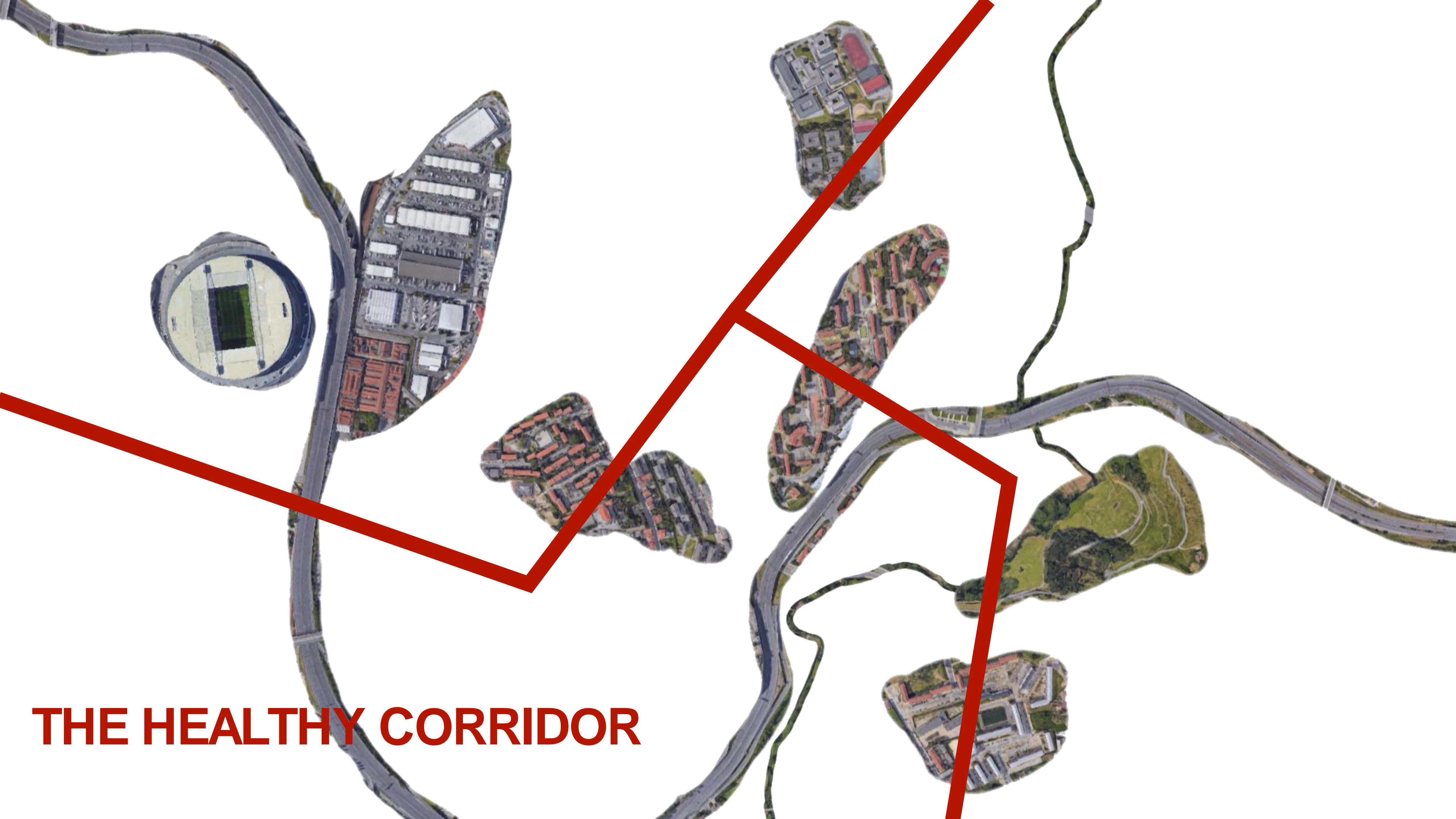
**Highway**

**Housing**

**DEPRIVED AREAS**

**Inequalities / Opportunities**

**Housing**



**THE HEALTHY CORRIDOR**

# CO-CREATION Process

**From citizens to active involvement, as co-designer and co-implementer**



**CO-DIAGNOSTIC**



**CO-EVALUATION**

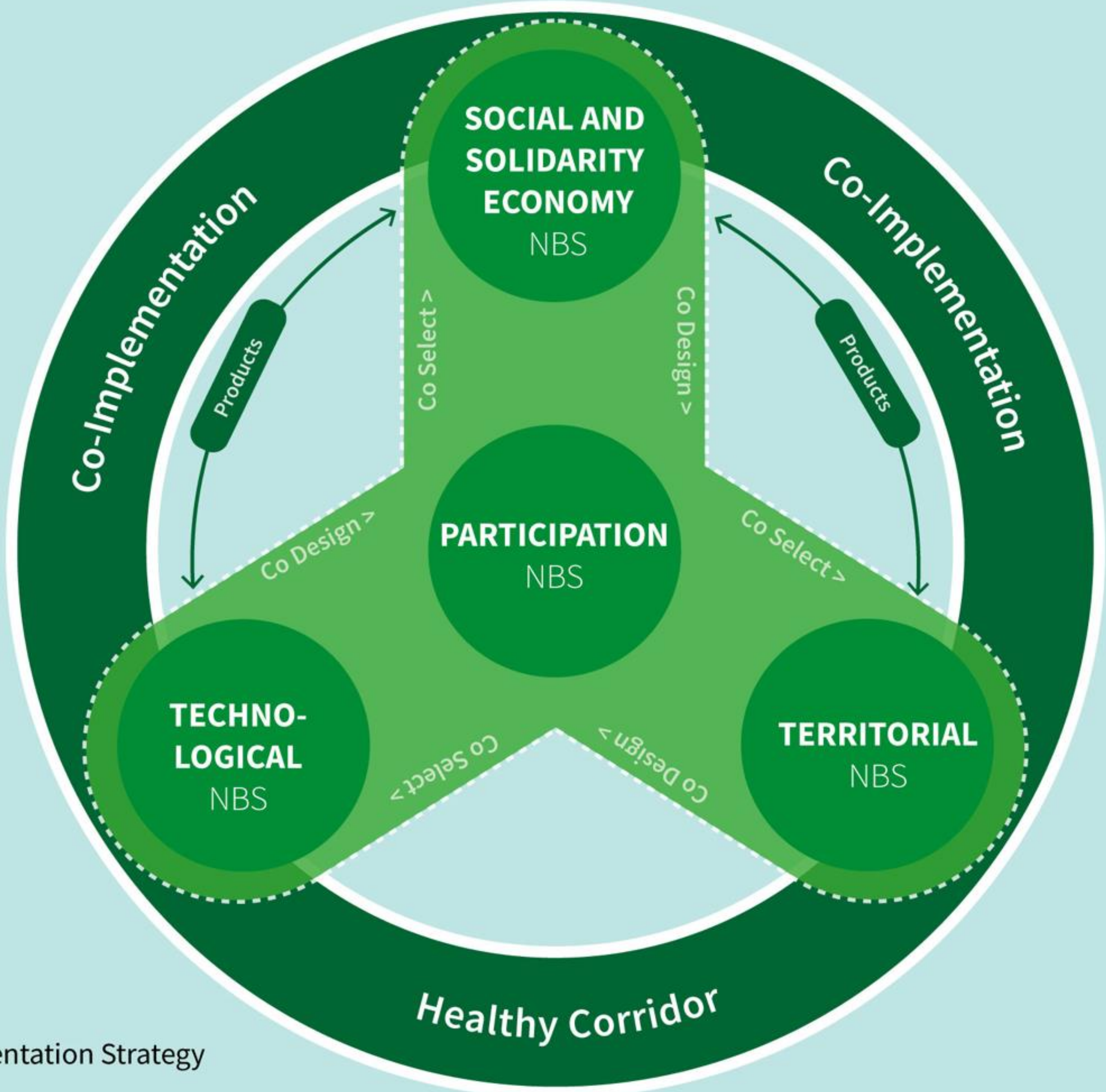
**CO-CREATION**

**CO-DESIGN**

**CO-IMPLEMENT**

# URBiNAT NBS Catalogue

**From technology and environmental to social and economy NBS**







TECHNOLOGICAL

NBS

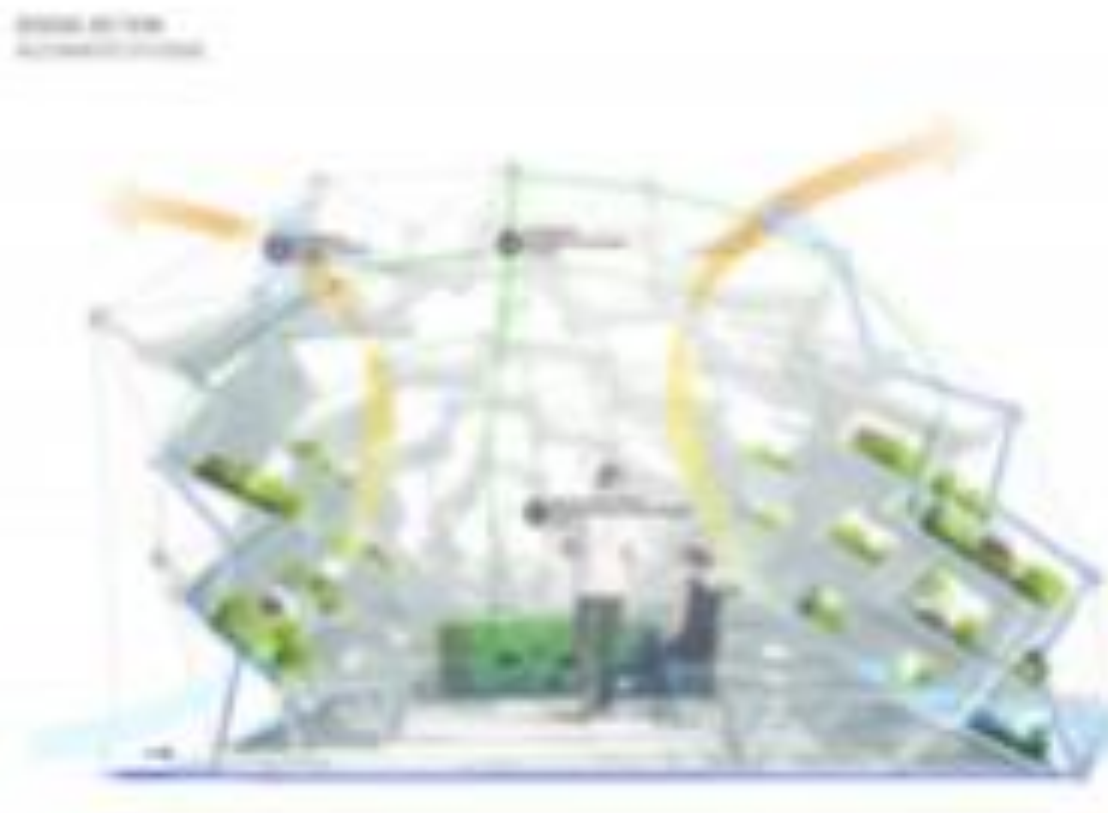
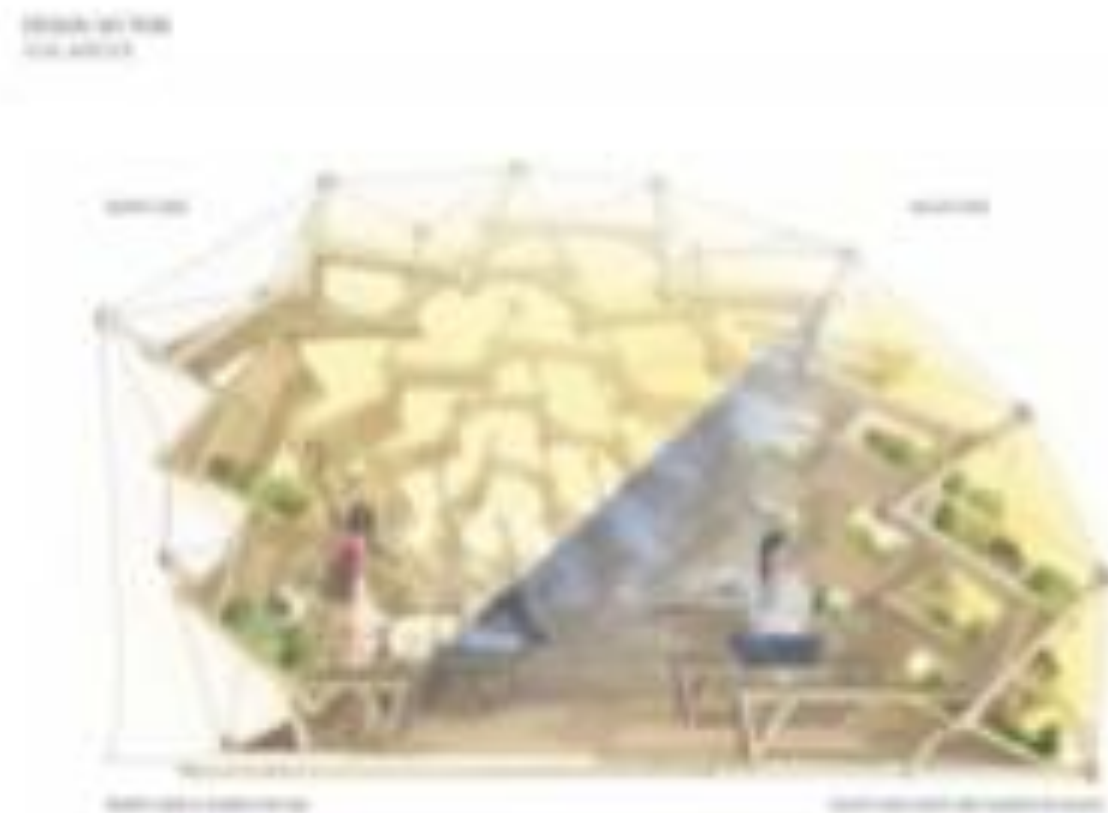


Spirulina Pool

MICROSCOPIC ECOSYSTEMS FOR ENERGY PRODUCTION



# HEALTHY CORRIDOR



Digital Urban Orchard





TERRITORIAL

NBS



Rain Water



Urban Farm

# HEALTHY CORRIDOR



NATIVE TREES



GREEN ROOFS



PARTICIPATORY

NBS



# HEALTHY CORRIDOR





SOCIAL AND SOLIDARITY  
ECONOMY

NBS



HEALTHY CORRIDOR

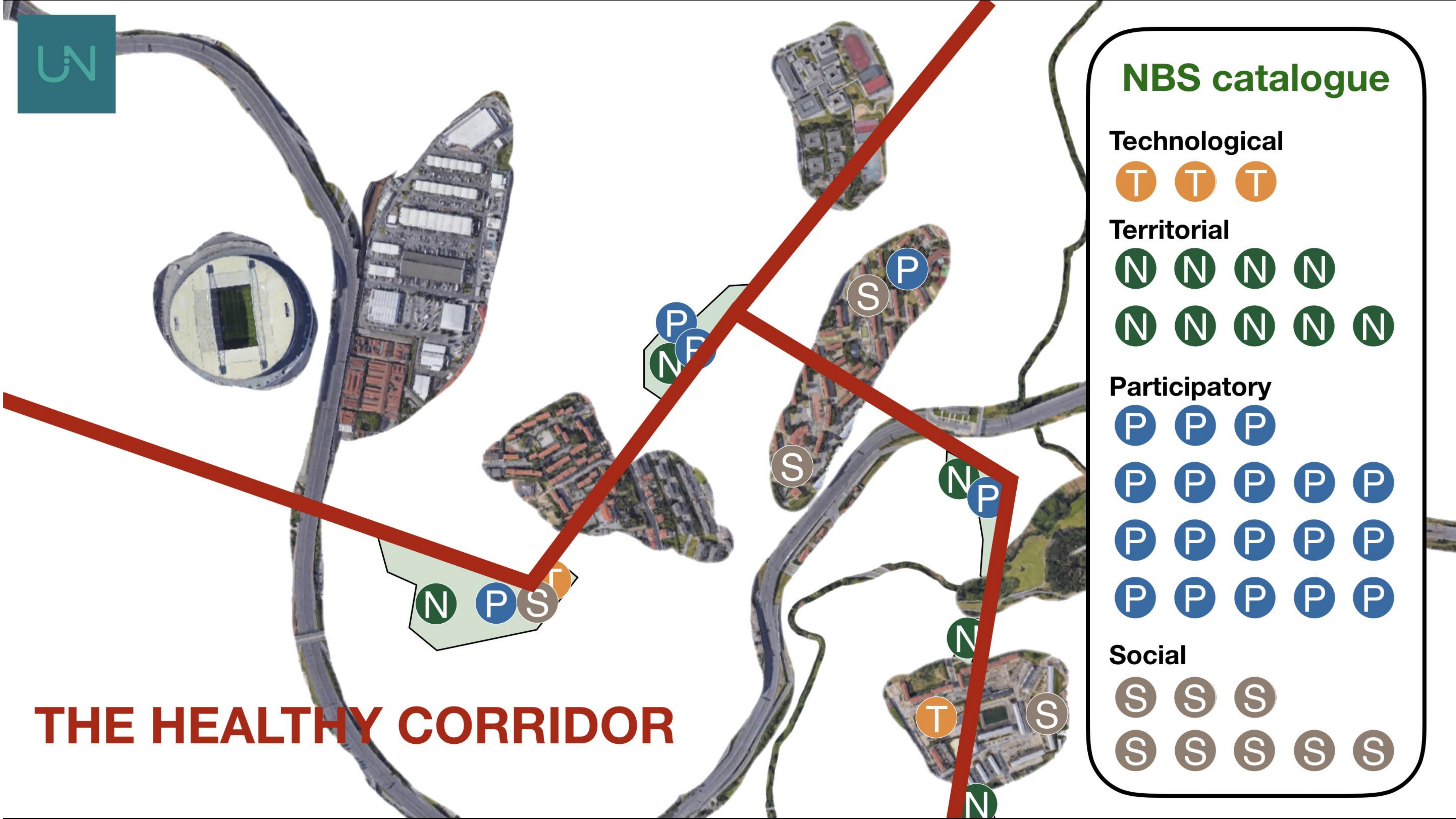


Social Currency



# URBAN PLAN


**Healthy Corridor + NBS**



### NBS catalogue

<b>Technological</b>				
T	T	T		
<b>Territorial</b>				
N	N	N	N	
N	N	N	N	N
<b>Participatory</b>				
P	P	P		
P	P	P	P	P
P	P	P	P	P
P	P	P	P	P
<b>Social</b>				
S	S	S		
S	S	S	S	S

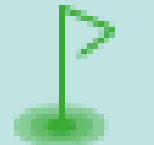
# THE HEALTHY CORRIDOR



**04**

**Where are we  
going to  
implement?**

 Front runner cities

 Follower cities

 Observer cities

**PORTO**  
PT

**NANTES**  
FR

Brussels  
BE

Høje Taastrup  
DK

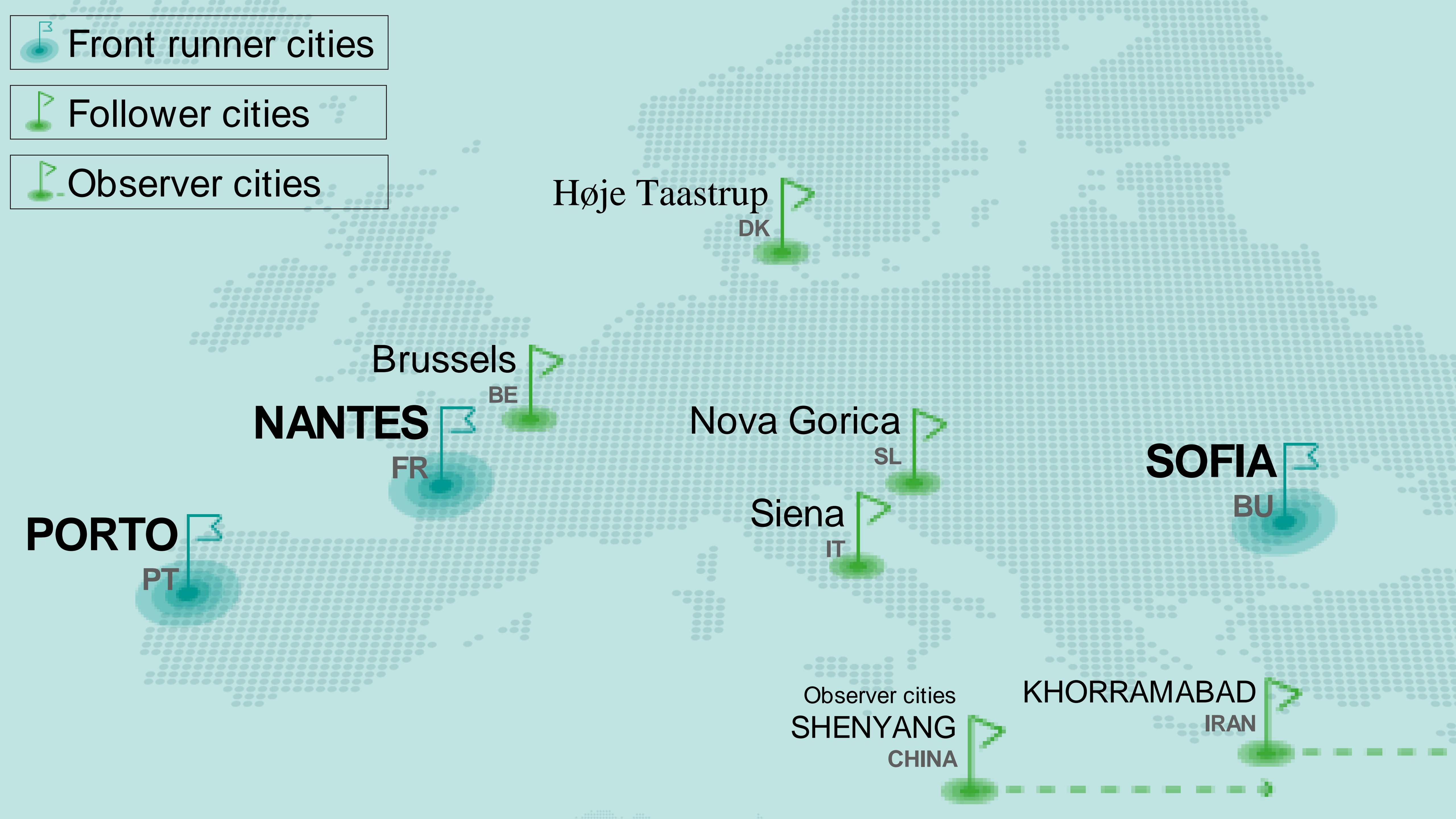
Nova Gorica  
SL

Siena  
IT

**SOFIA**  
BU

Observer cities  
**SHENYANG**  
CHINA

**KHORRAMABAD**  
IRAN





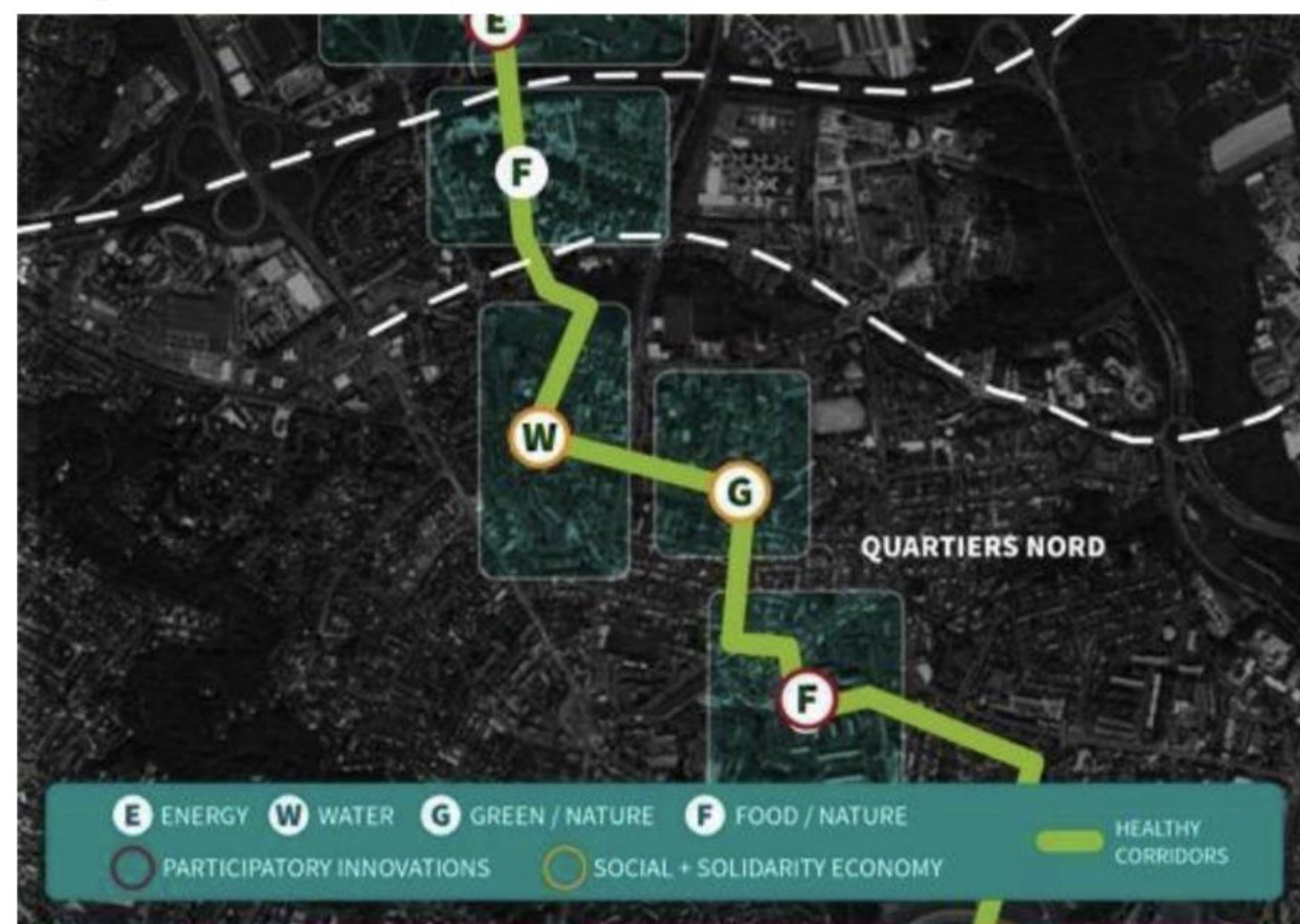
# HEALTHY CORRIDORS **Front Runner**

co-design, co-develop, co-implement with an urban plan to built NBS

PORTO



NANTES



SOFIA



# HEALTHY CORRIDORS

## Follower

co-creation and co-development, to replicate and adapt

NBS

to other urban contexts

within an **urban plan**

## HØJE-TAASTRUP



## BRUXELLES



## NOVA GORICA



## SIENA




# PORTO

Cerco | Falcão | Lagarteiro  
Neighbourhood

DOMUS SOCIAL  
ICETA-CIBIO







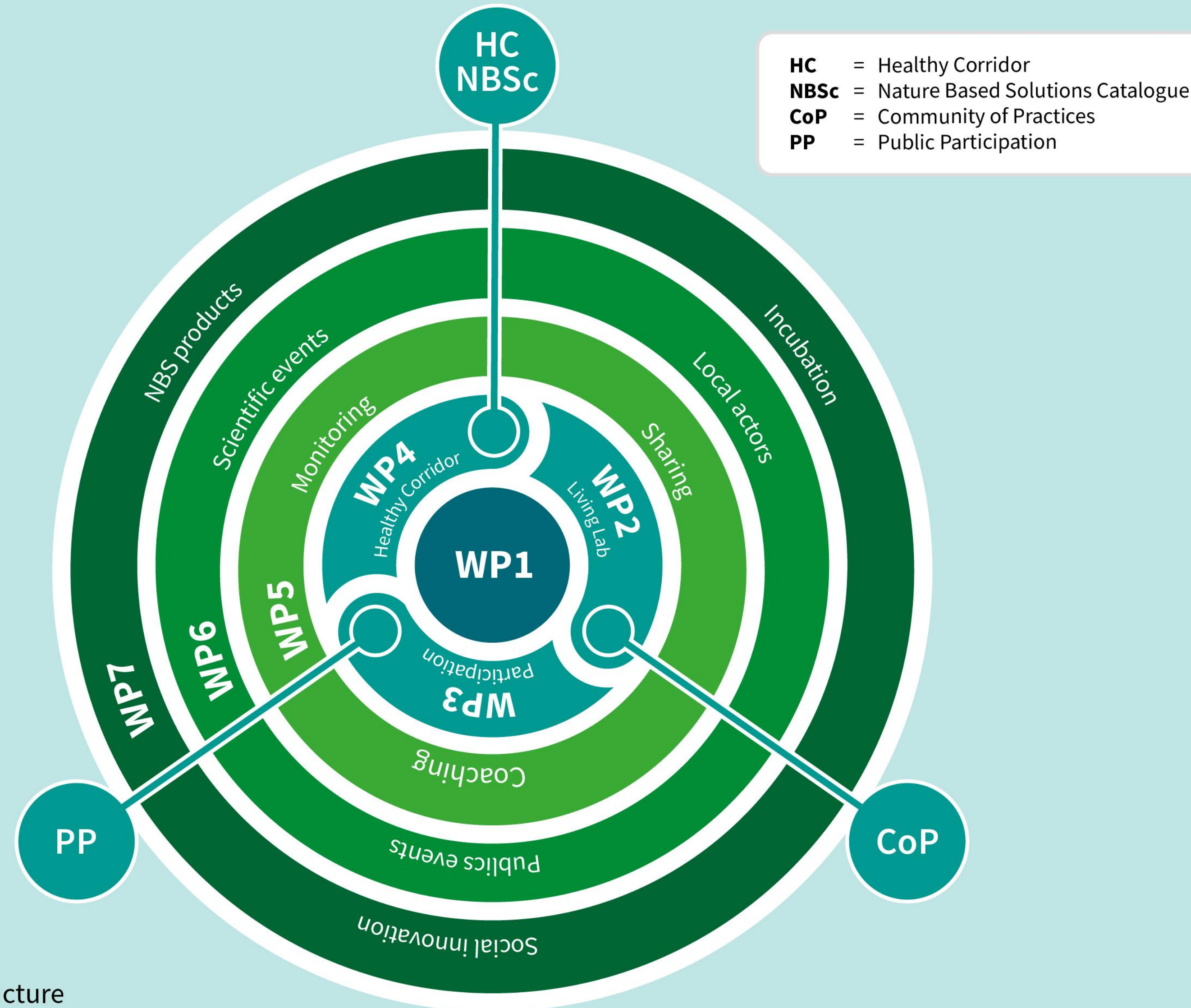
**05**

**How we are**

**going to**

**implement ?**

# Work Packages





**06**

**Which are our**

**key**

**fundamentals?**

**The public space for  
urban, social and  
nature-based  
solutions**

**Territorial Effects  
Multifuncionality**

**The plurality of economic  
principles and practices**

**Local Governance  
Participation  
Uses and users**

**URBAN  
REGENERATIO  
N**


**Solidarity  
Reciprocity  
Autonomy**

**The citizen  
engagement as a  
innovative  
perspective for co-  
creation**

**Citizenship  
Inclusion**

**The rights-based  
approach for equity in  
the public space**





**07**

**Which will be  
the expected  
impacts?**

# HEALTH \_ WELLBEING

## HEALTHY CORRIDOR + NBS

### IMPACTS ON

universal **accessibility**;

pedestrian **link** between residences;

commercial and **leisure** urban areas;

opportunities for **interaction**, intergenerational and intercultural dialogue;

**artistic** and **cultural** expression opportunities;

a welcome space for solidarity and social **economy** initiatives;

**safe** and **non-discriminatory** space;

revitalized **circulatory** water and **biodiversity** systems.

# HEALTH \_ WELLBEING

## HEALTHY CORRIDOR + NBS

### IMPACTS ON

community **empowerment** (individual and collective level);

strengthened **democratic** values;

amplified **participation** in public spaces;

promotion of a **solidarity culture** in the community;

strengthened **local economy**;

new mechanisms to manage nature resources through the common goods and **solidarity economy**;

make visible individual **lifestyle factors**;

strengthened social and **community networks**;

improved **living** and **working** conditions.



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**THANK YOU FOR YOUR ATTENTION!**