

## **Antía Iglesias Fernández**

Phd researcher

Dx5 Digital and graphic art\_research

Draw department

AF4 Natural resources

Forestry engineering department

University of Vigo

Xunta de Galicia







‘Biomaterial and matter from Galician natural environment applied to the design, printing and manufacture of everyday object’

Fine Arts



Natural sciences

Theoretical - conceptual

Artistical - practical

Cientifical - technical

**Multidimensional approach to the process  
of developing a biomaterial based  
on inavise species waste**





Biomaterial

Invasive species waste

Bioinspired design

Biodiversity

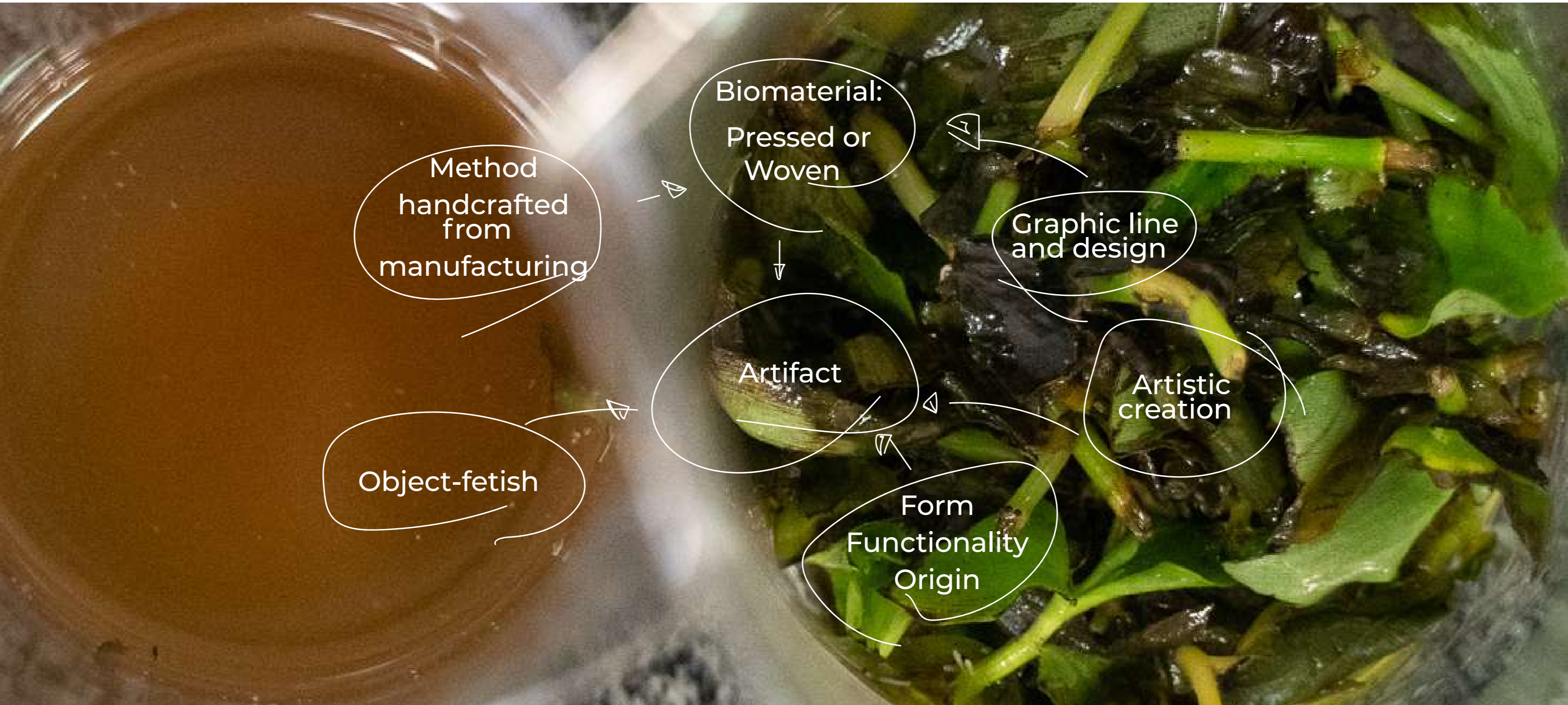
Circular economy

Materiality

Art & crafts objects

Traditional knowledge

Anthropocene waste



Method  
handcrafted  
from  
manufacturing

Biomaterial:  
Pressed or  
Woven

Artifact

Object-fetish

Form  
Functionality  
Origin

Graphic line  
and design

Artistic  
creation





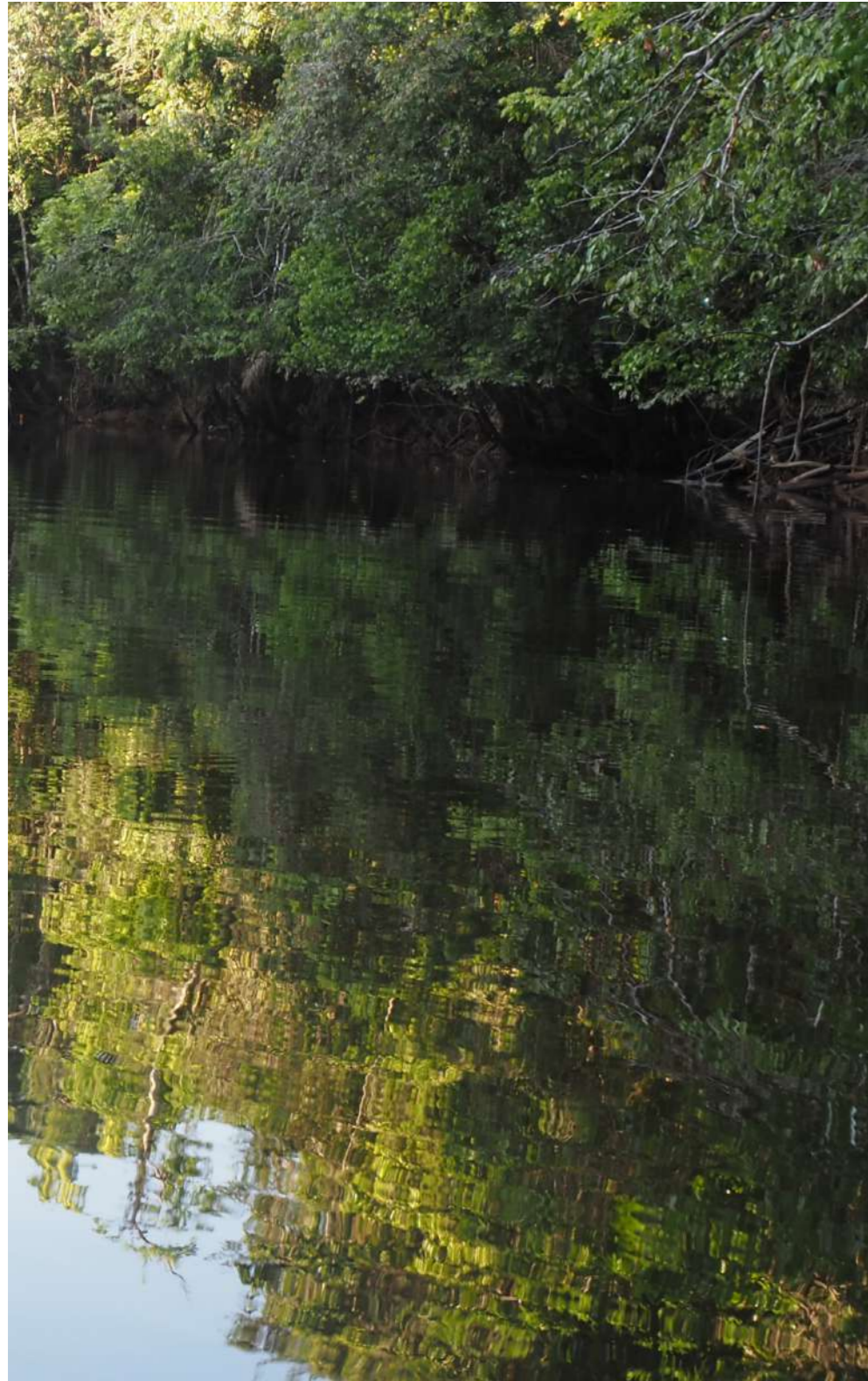
Umia - Galicia

Eucaliptus globulus  
Tradescantia fluminensis  
Phytolaca americana  
Arundo donax  
Acer pseudoplatanus

Pigment extractions  
Biomaterial development





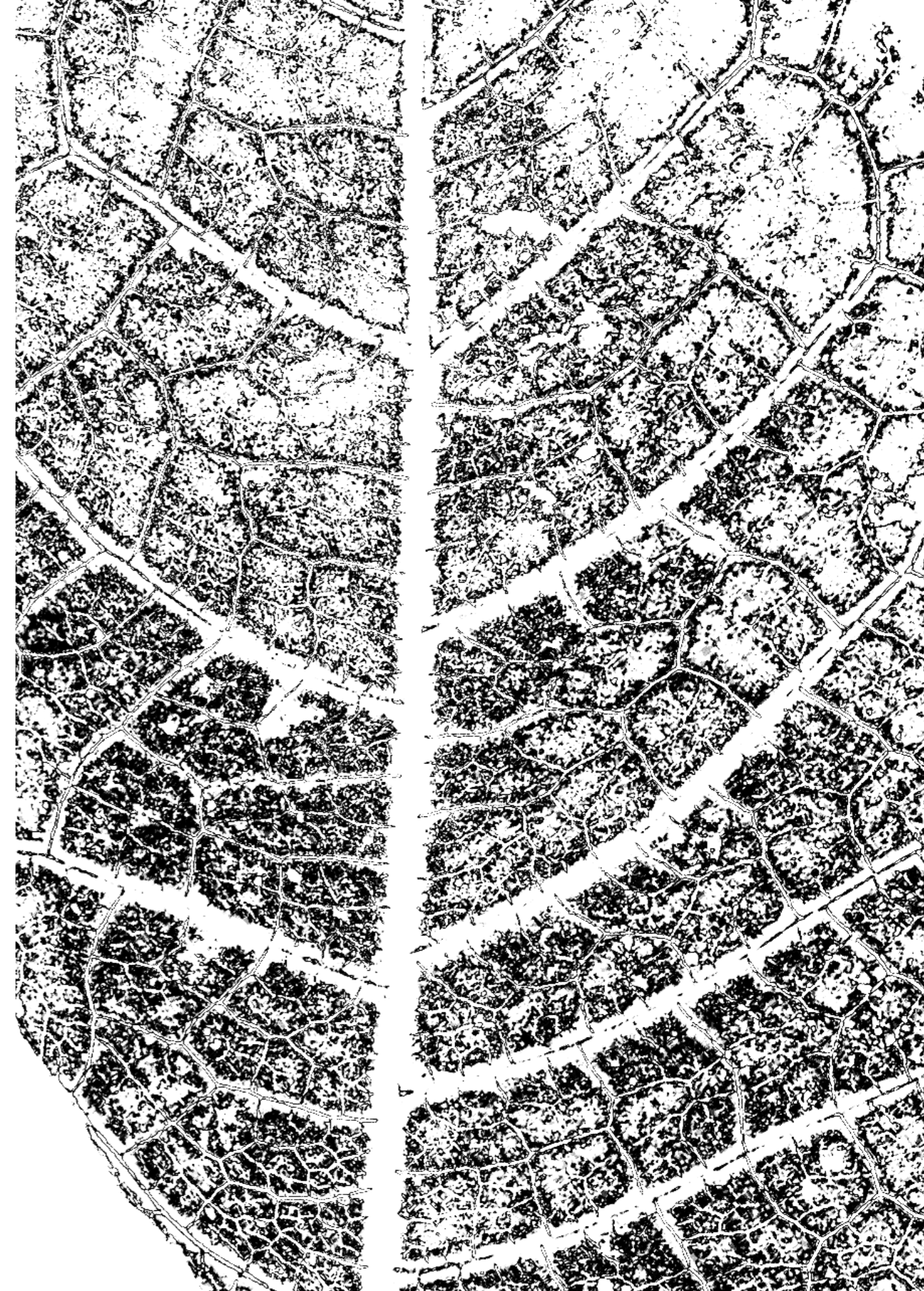


Kourou - French Guiana

Interdisciplinarity  
Art & Science

[Video: Multidimensionality of the plant](#)

Biomimetical representation  
Laser cutted xilography

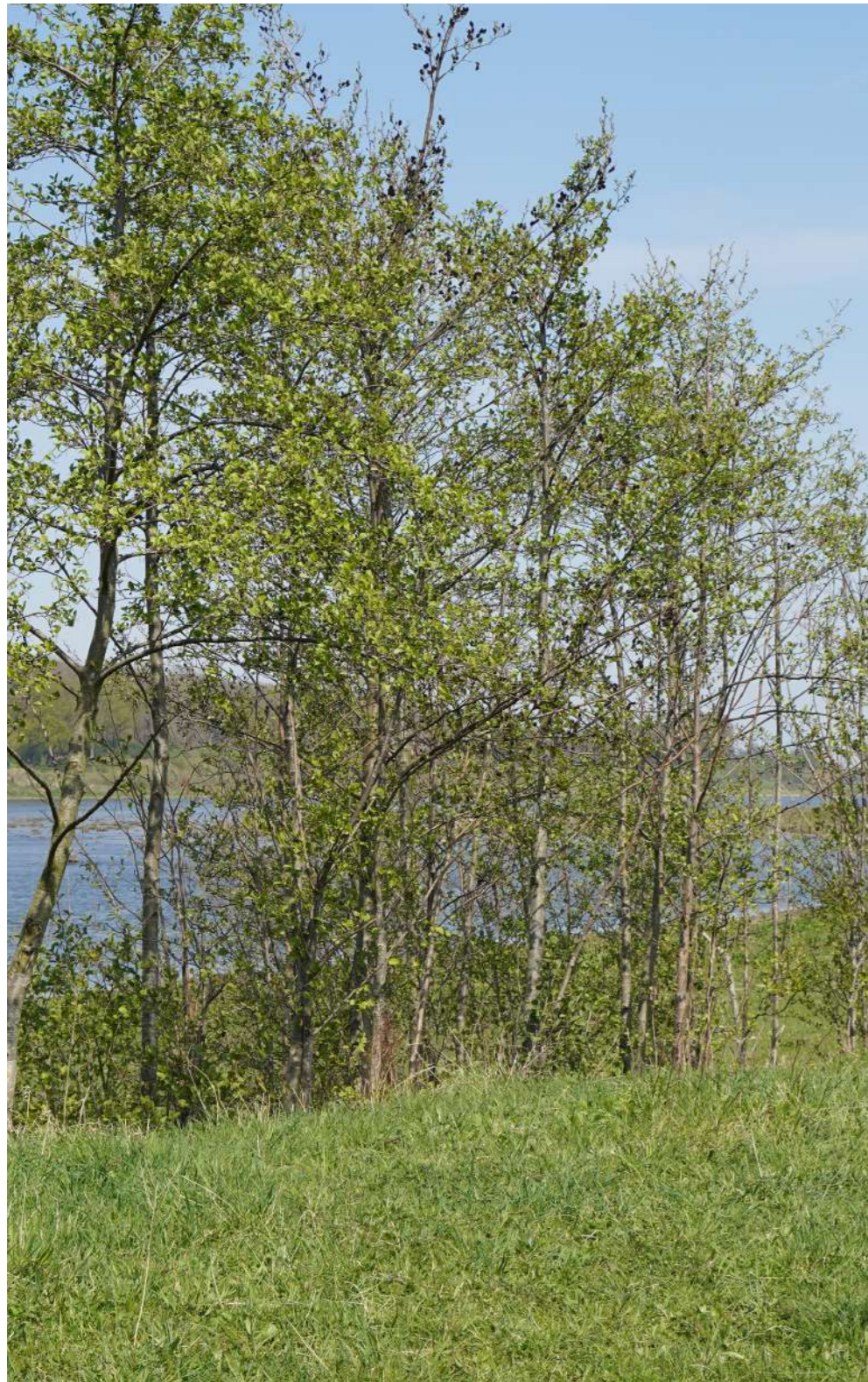






Traditional techniques with natural materials  
Dimensions of the object: Artisanal - artistical - rithual - usefull





Maas - Belgium

Japanese Knotweed

Connotations of the material  
Strategy of development

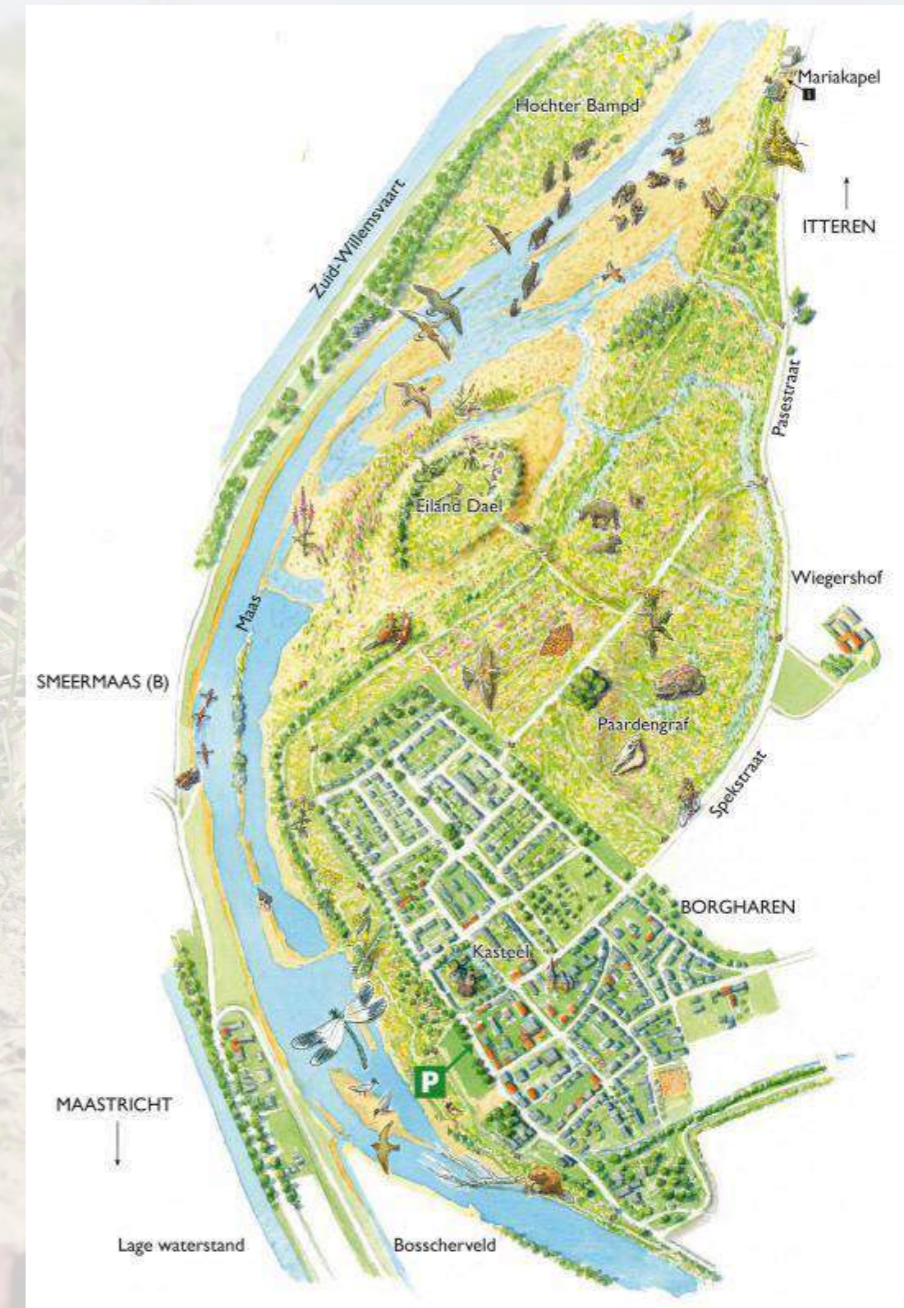




Area: Borgharen, Maastricht

Mapping the system + history = storytelling of the material

Paper like material + color and pigment extractions







Paper-like material



Japanese knotweed  
Invasive waste



Pressed material  
Knotplex

