

AARHUS 2017 SUSTAINABILITY MODEL

AARHUS 2017 OG BÆREDYGTIGHEDEN

Launching the First Sustainable Strategy for a European Capital of Culture

How do We Ensure Sustainability
of the Future European
Capital of Cultures?

Lancering af den Første Bæredygtighedsstrategi for en Europæiske Kulturhovedstad

Hvordan kan vi sikre bæredygtighed
for de kommende Europæiske
Kulturhovedstæder?

Sustainability Across the European Capital of Culture: Leuwarden 2018 - Netherlands

*(Bæredygtighed på tværs af Europæiske kulturhovedstæder:
2018 Leuwarden - Nederlanden)*

By
Simon Tijsma

Time: 15.30 – 17.30

Place: Turbinehallen, Kalkvaerksvej 12, Aarhus, Denmark

Proceedings : www.inforse.org/europe/europa-naevnet.htm



How we prepare different soups in Fryslan and celebrate diversity:



doing things differently



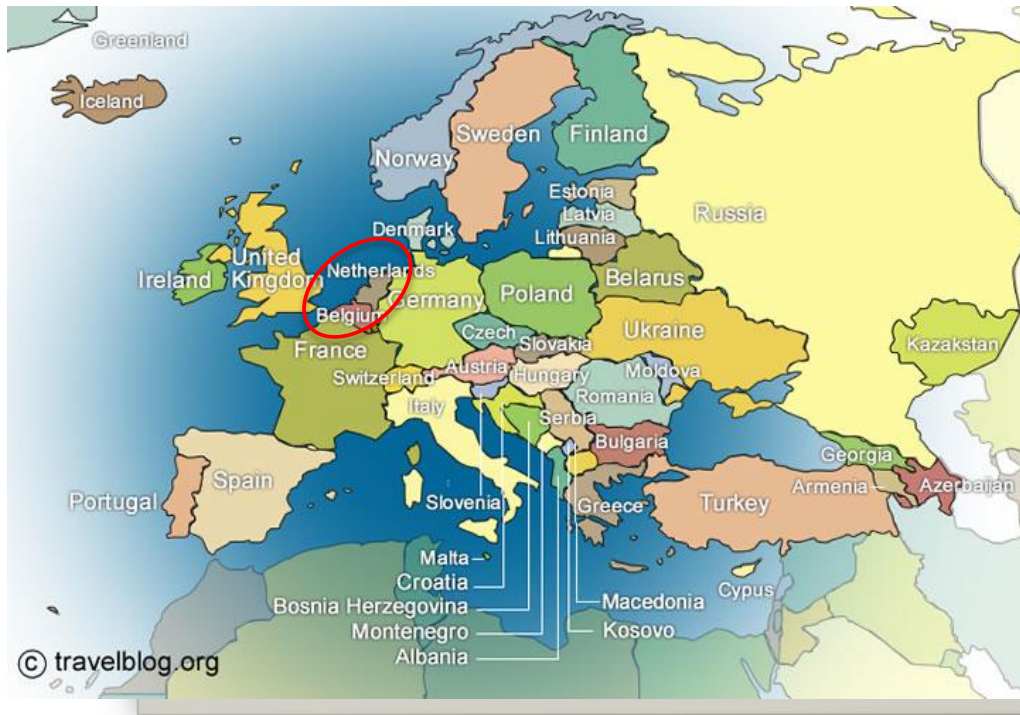
INGREDIENTS

TOOLS

SOUPS



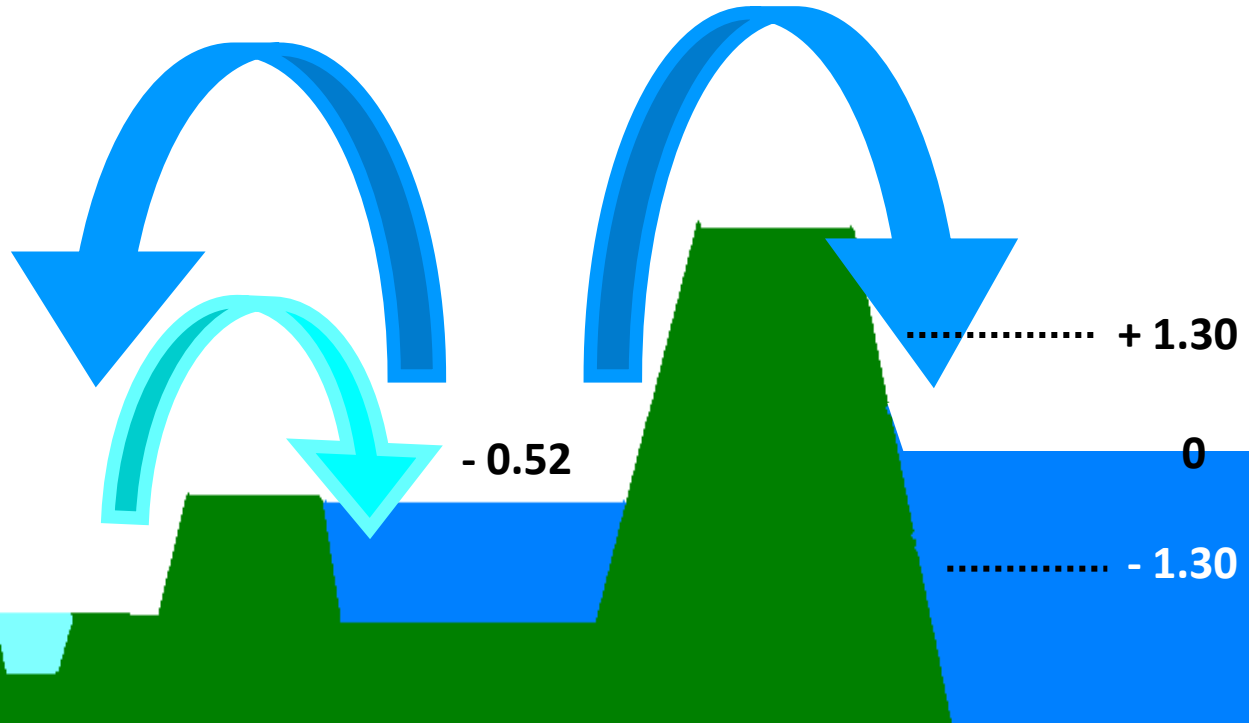
INGREDIENTS



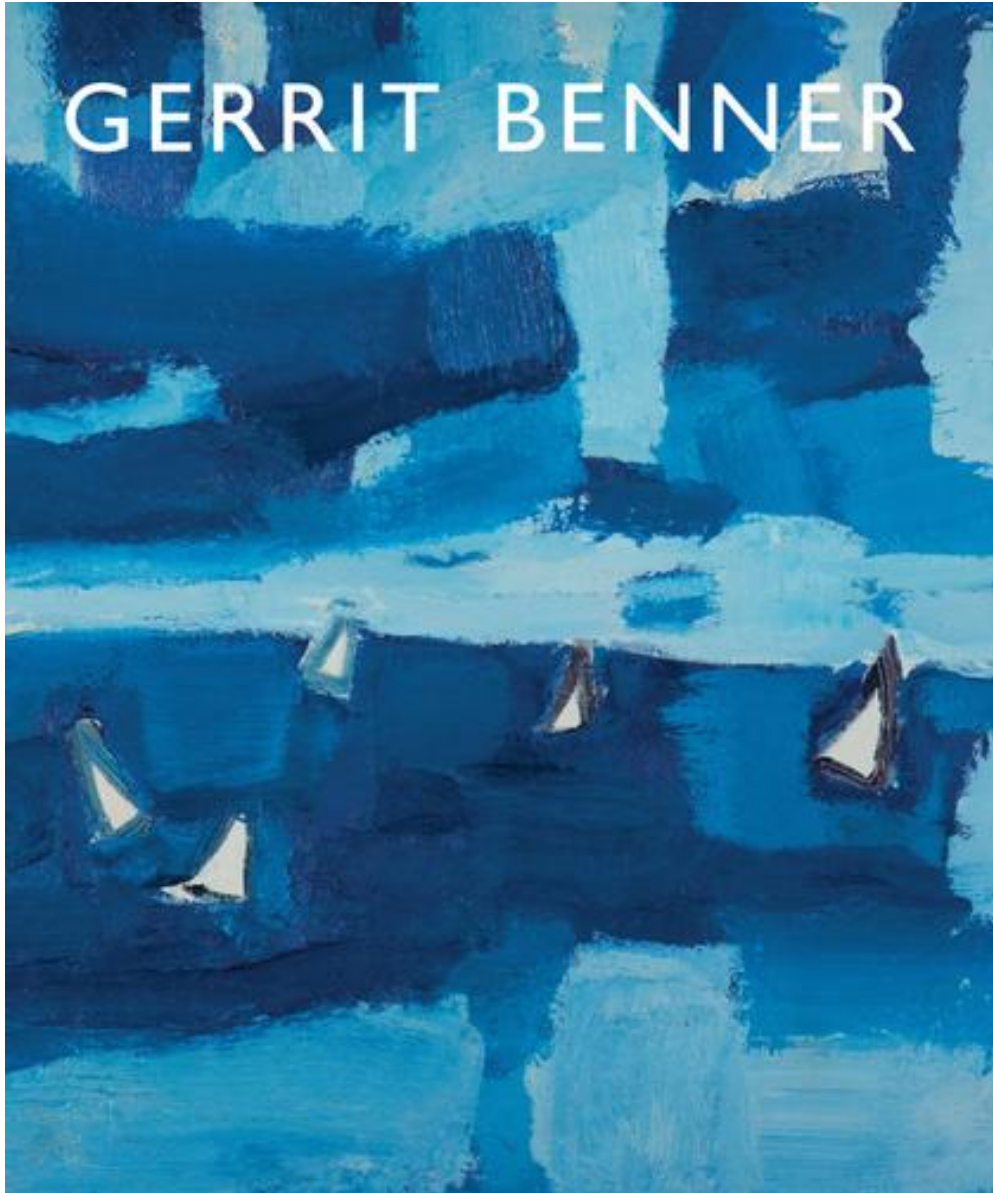
Polder

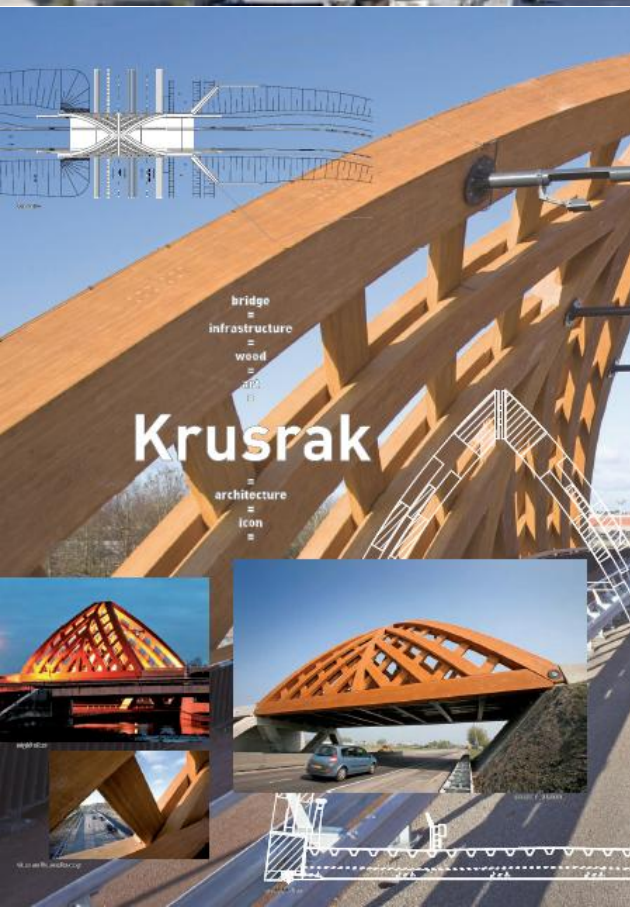
Boezem

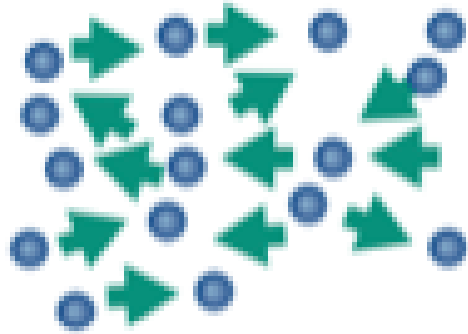
Waddenzee



GERRIT BENNER

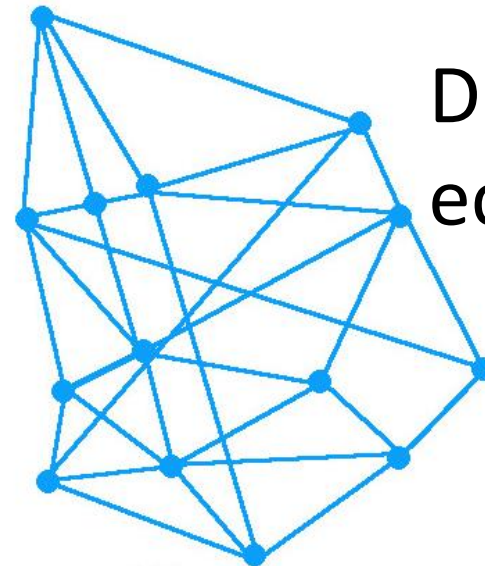






**Ecosystem
centric, cross-
organisational
innovation**

**Innovation
Networks**



**Distributed
economy**

Tacit knowledge

Explicit knowledge can be captured, written down and presented in documents and databases.

Tacit knowledge

Is the knowledge in our heads. It is much less concrete and more difficult to document and measure, however, it is more valuable because it provides context.

Tacit knowledge requires personal contact and trust to share effectively.



No.2

LAST YEAR'S POSITION 1
YEARS ON THE LIST 8

Mould-breaking Nordic food that takes nature's bounty to new levels



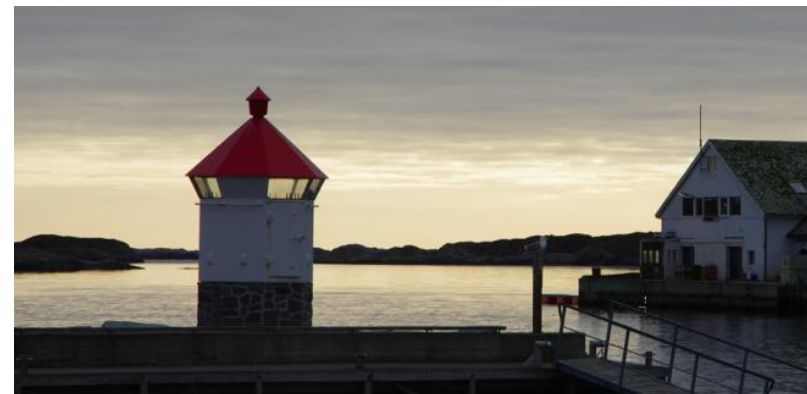
On the pass

René Redzepi

Style of food

Seasonal, terroir-led Scandinavian

Standout dish



“the Mecca of the economist lies in the biology....”

Alfred Marshall

Principles of Economics. Vol. 1. London: Macmillan, 1890

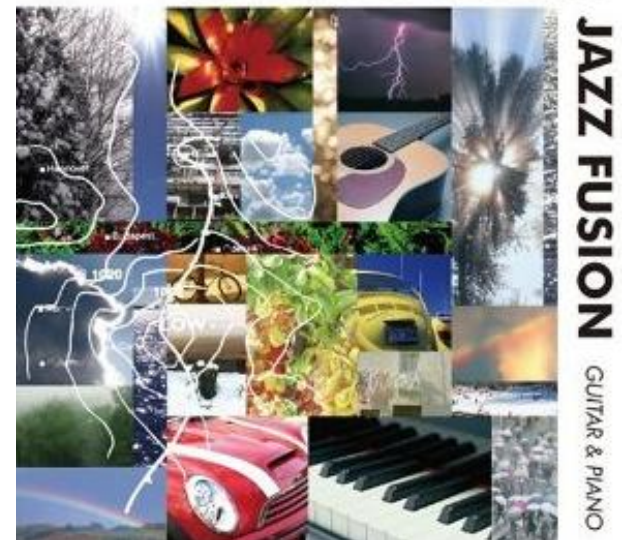


TOOLS

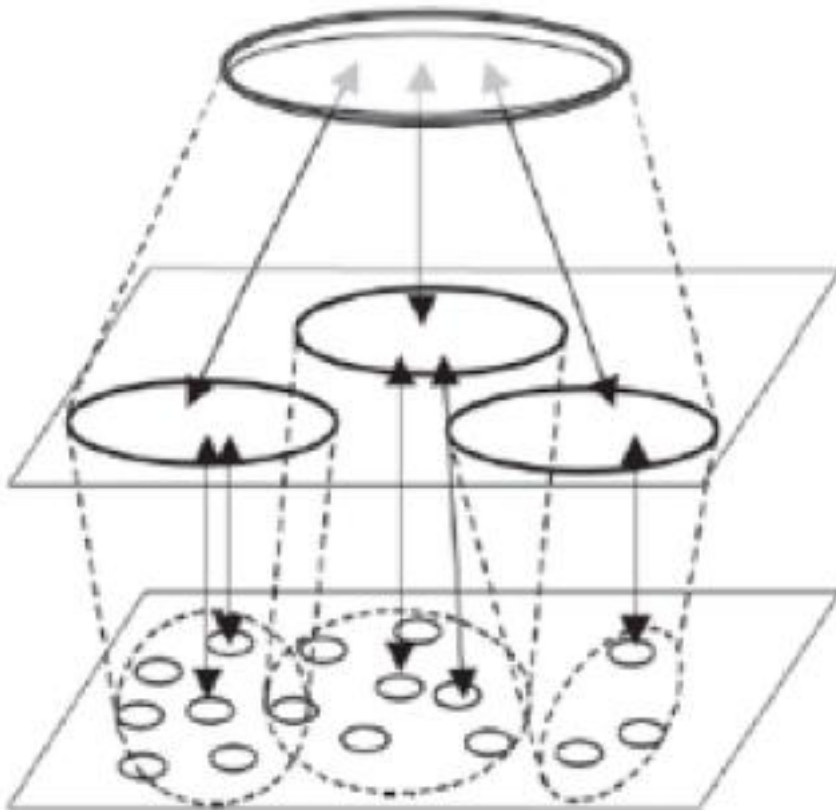


BIG STROKES
CONNECTING WORLDS

WEATHER REPORT



We act on three levels



Macro level
(policy making)

Meso level
(regime)/institutional

Micro level
(projects)

Multi Level Governance

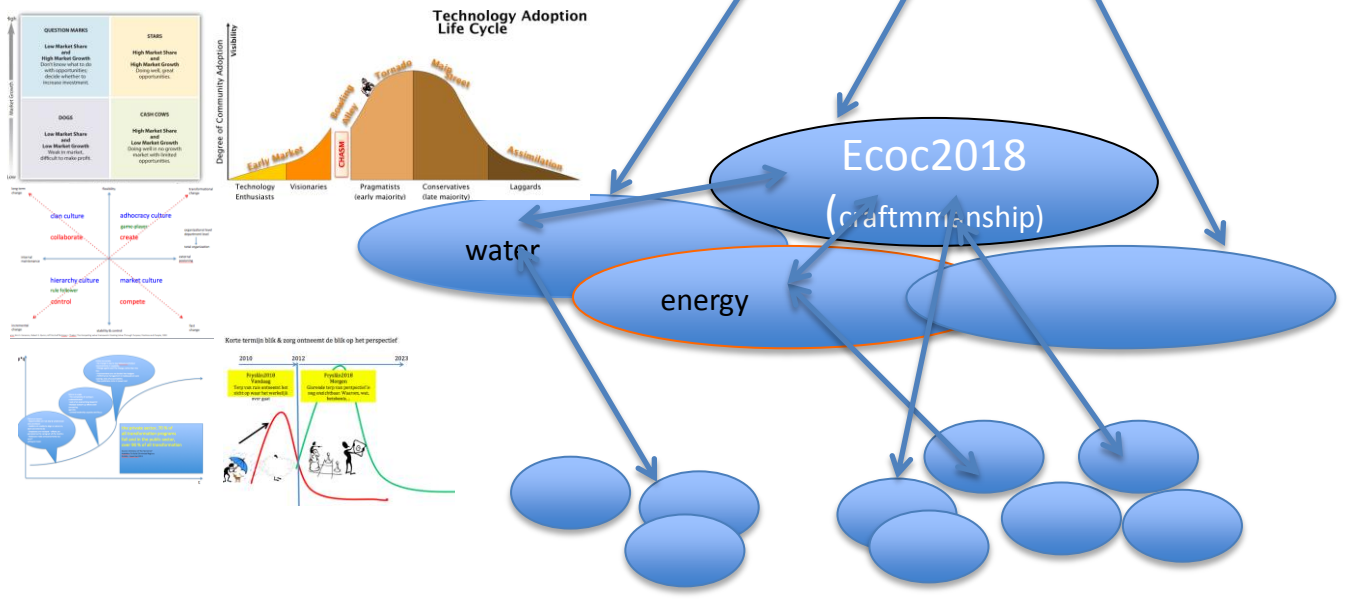
Landscape;
Economic, ecological and
cultural conditions

Regime:

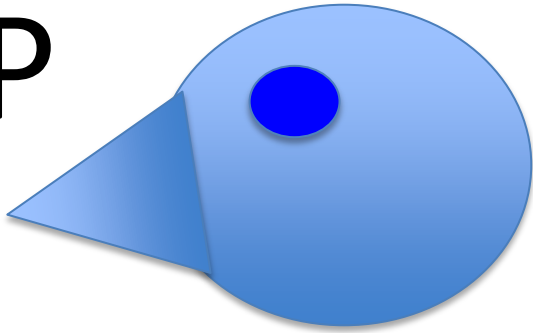
Dominant actors,
institutions, practices and shared
assumptions

Niches:
programms,

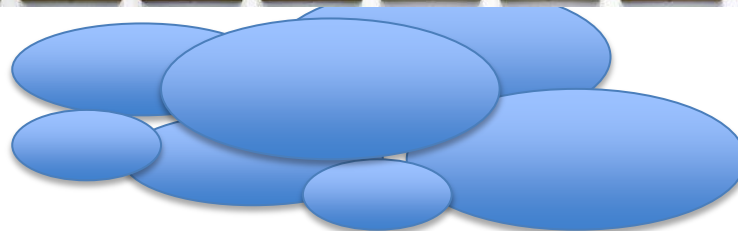
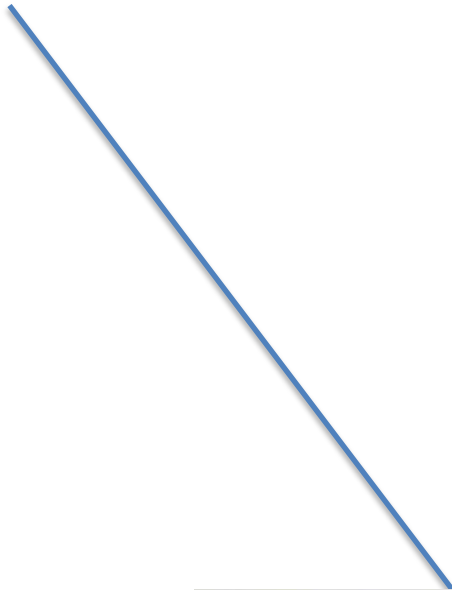
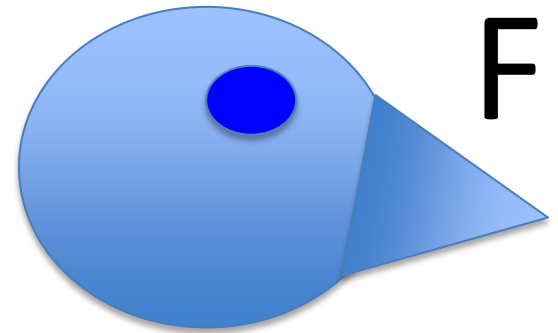
individual projects, facilitating
grass- roots movement,
quadruple helix

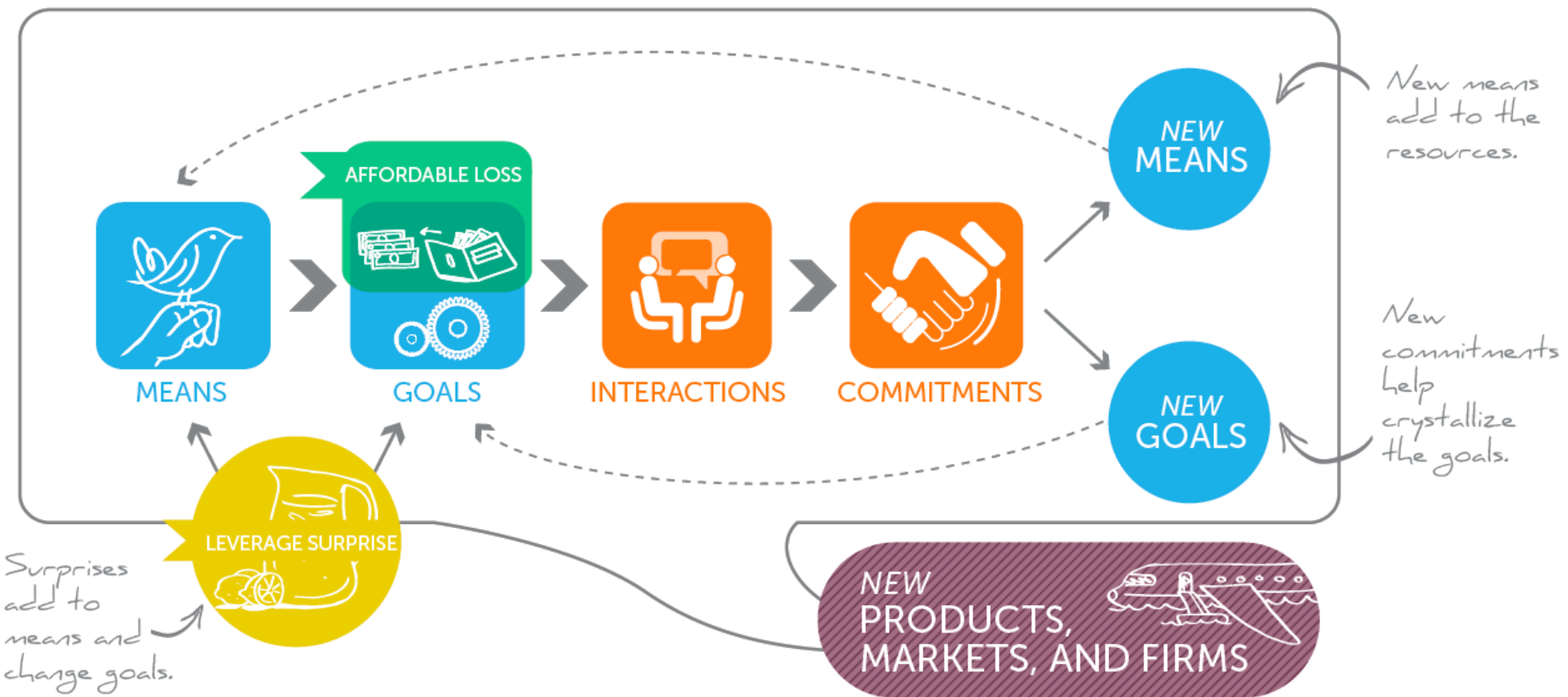


P

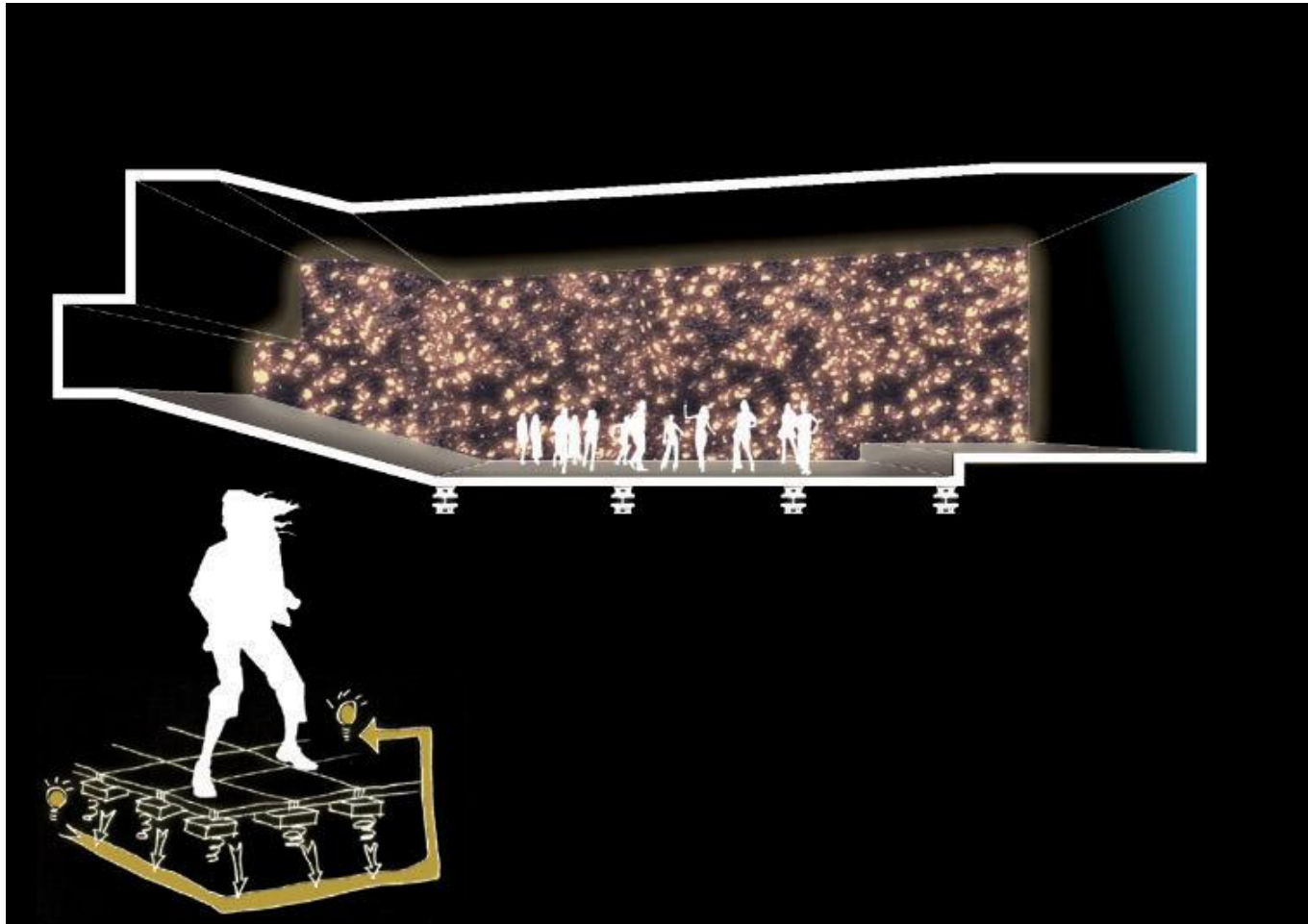


F





Saras Saravathy, The Effectuation Cycle





SOUPS

©/TM THE ANDY WARHOL FOUNDATION FOR THE VISUAL ARTS

WHAT:

Article

C2CI BECOMES D2D

Written by *Brigitte Feenstra* about *D2D*, 25 Jun

Islands as living labs/test-beds for innovation

(Partners from: Sweden, Danmark, Germany, Netherlands & Scotland)

Development to Dissemination will be the name of the follow up of the Cradle to Cradle islands project. In June 2013 the new project has been approved by the Interreg North Sea programme. D2D project, builds on the results of the C2CI project and aims at creating a process that enables developed innovations to be commercialized across the North Sea Region (NSR). D2D will provide NSR a wider audience with the means by which project results can be taken through a development process securing a viable, self-sustaining commercial future for them.

WHY:

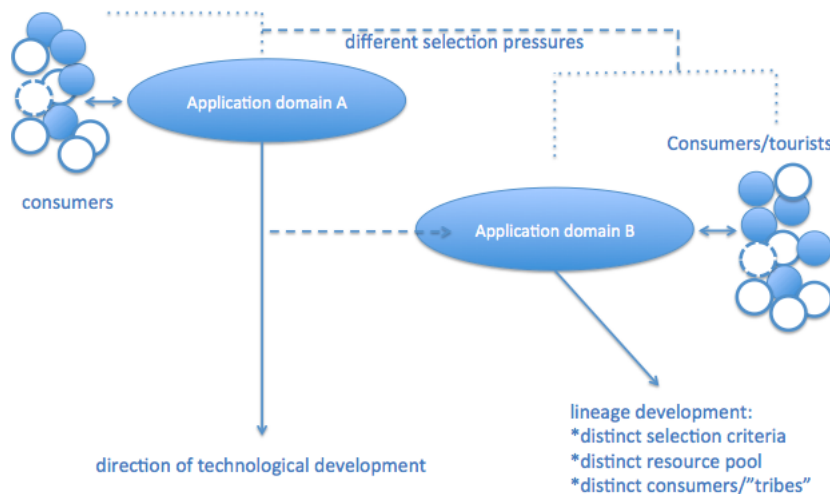


Figure..., Speciation in technological development ([vrij naar: Levinthal, 1998](#))

Alfred Marshall

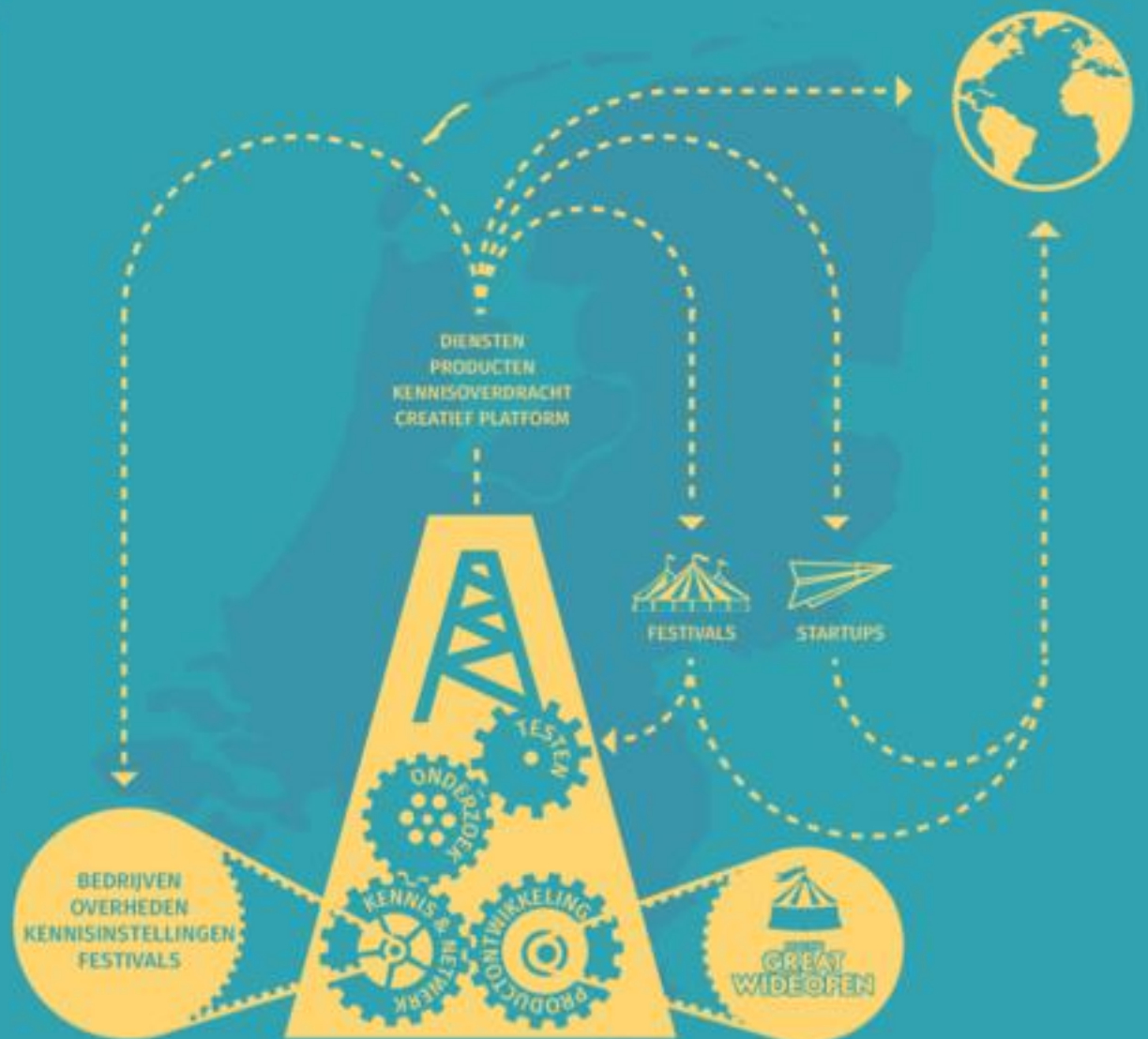
Principles of Economics. Vol. 1. London: Macmillan, 1890

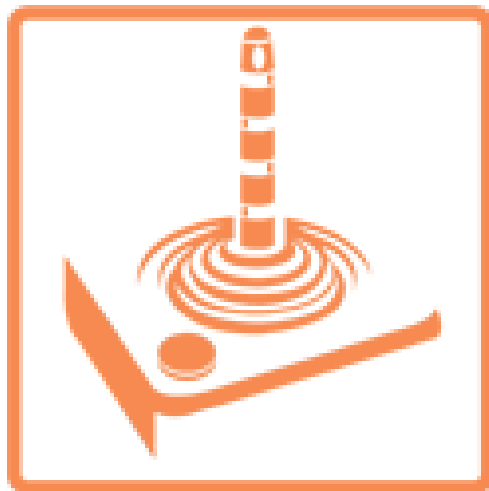
“the Mecca of the economist lies in economic biology....”

LAB vlieland

DUURZAAMHEID & INNOVATIE

Lab Vlieland stelt zich ten doel om de op en om Vlieland ontwikkelde kennis en ervaring te delen met zijn omgeving; met het eiland, met de wal en vooral ook met verwante festivals. Onderzoeken, kennis vergaren en delen, testen en het ontwikkelen van producten staat centraal.





G-ammelând



De krnwtr-fles
Handig voor
onderweg of
op het werk.

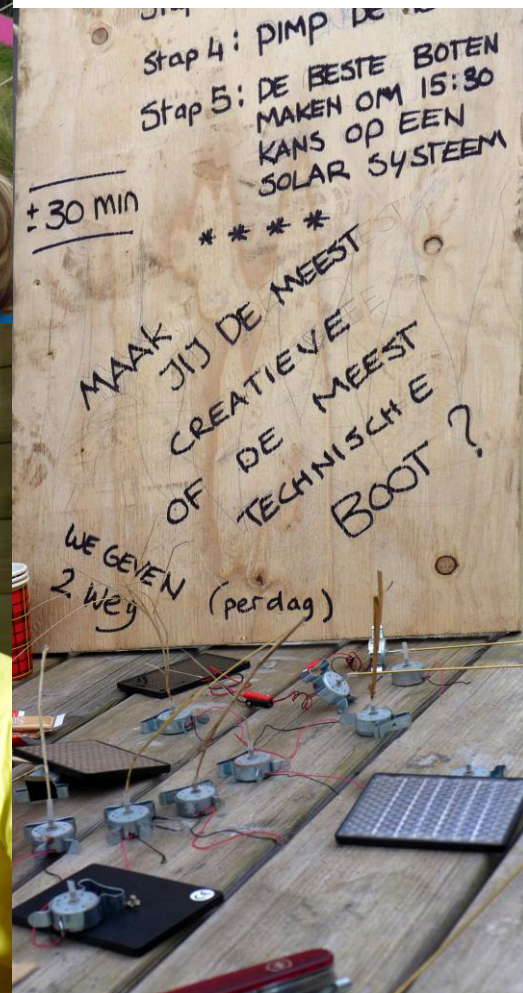
Beter dan een
plastic flesje



INTO THE
GREAT
WIDE OPEN

2 + 3 + 4 SEPTEMBER 2011

regionale-kwaliteiten
 ambitie-manifestatie
 backcasting
 vrachtfiets
 florida
 oars-as-oars
 eternal-holiday-home
 dansvloer
 indie
 etalage
 dddoootttt
 c2c





PART A – Project summary

A.1 Project identification

Project title

Innovation Policies for Sustainable European Islands

Partners from:

Saaremaa

Samso

Hamburg

Vlieland

Texel

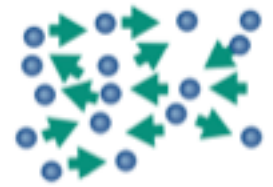
Azores

Madeira

WHAT:

Festivals as catalyst for sustainable innovation

(partners from: Danmark, Netherlands,.....)



Ecosystem
centric, cross-
organisational
innovation

Innovation
Networks

WHY:

Elon Musk Is Right, Burning Man Is Silicon
Valley

Burning man is both an intrinsic part of Silicon
Valley and a DJ party in the desert



Burning Man becomes a hot spot for tech titans

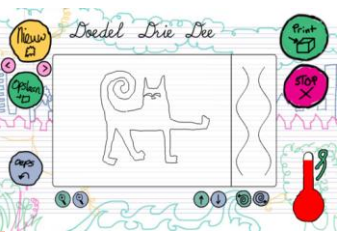
Like moths to a flame, Burning Man is drawing more CEOs and venture capitalists to the playa for high-powered networking. Welcome to the business bacchanalia.


Nellie Bowles Updated 11:27 am, Monday, August 25, 2014

Co-creation/funding



INTO THE GREAT WIDEOPEN




DOODLE3D





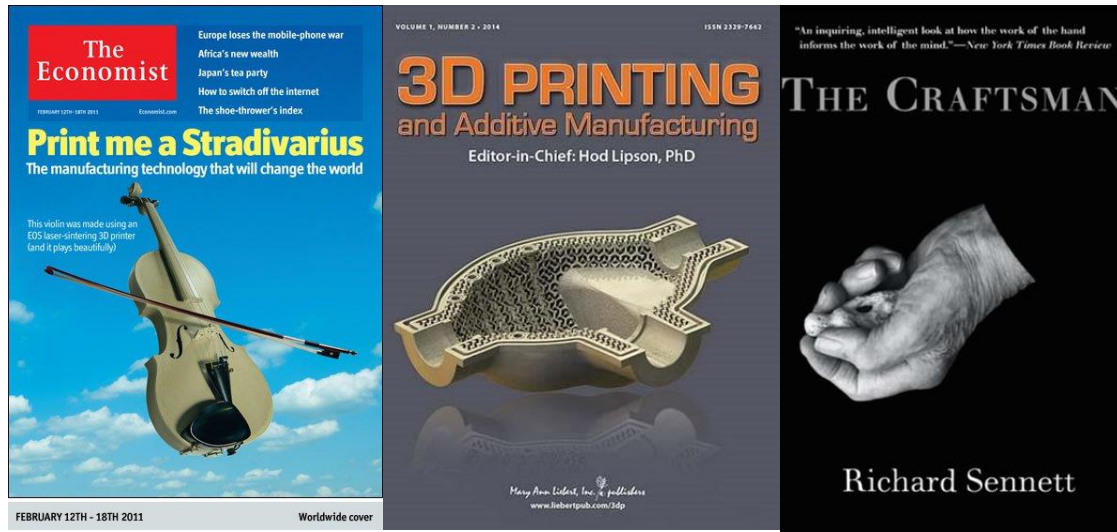
In preparation:

WHAT:

A new Erasmus + project based on the experiences of the Comenius Life Long Learning, called 3d Education (partners from: England, Netherlands, Germany, Sweden and additional partners from Finland and Norway)

Preparatory meeting the 7th of march on Schiphol Airport

WHY





Camila Caheque, SPAIN, 1984.

Considering disappointment as a starting point, her art interrogates unending paradoxes on how humans create and modify the cultural/material landscape they inhabit.



THE CONCEPT

Disoriented Pavilion displays a subtitled intervention that paints the critical situation in which a way of living is dying, echoing matters such as "the 'city-product' phenomenon and its devastating consequences," "the use of patrimony as a mere strategic postcard to attract visitors or "the manipulation of public spaces as economical instruments.

Camila Caheque will transform a plot of ruins (at the epicenter area beneath Castelo de São Jorge) into an exotic Chinese-mass-produced plastic garden staging abused urban landscape referencing merchandising and exploitation to rethink current "tourism of identity" and opening to a status of general disorientation.

Belmonte and members of the nearby community, D&T-Design a Sustainable Tomorrow, I&S-Fundo de Arquitectura Social, W&A-Way of Arts, EGEAC, ArCo, I&S-Instituto Superior de Tecnologia, Freguesia de Santa Maria Maior, Arquitecturas Film Festival 2014, Câmara Municipal de Lisboa, Castelo de São Jorge, DYMA, Gesteira Institut, Ha Castelo, Trepal de Arquitectura, Pólo Ambulante, and artists from far away, Howard Altmann, Simon Tjismann, Sylre, Prukisma, Scott Gue and Hong, Agnes da Vinha, Mar de Carvalho, J. Gomes, G. Gomes, do Arquitectos, Secção Regional do Sul are participating producing plays, conferences and workshops to bring some additional life and awareness to this part of Resisting Lisbon City.



THE BELMONTE

An Embassy of Portuguese Cultural Heritage, keeping the soul of this little district of Lisbon, creating a safe walking space, using all the specificities of the environment, enhancing the diversity of the landscapes, cultures, races and ideas.

For the people to live well, to bloom, we need to provide them places of memories, memories for words, memories for things i.e. keeping places that contain strong powerful images. The soul never functions without mental images. Aristotle

The Aldeia Palácio Belmonte will be anchored on the House of the Marquis of Alameda and the Earl of Belmonte Cabral who lived there for the past 500 years.

The House, perched on top of the ancient City, next to the sky, overlooks monasteries and churches, the Alfama district, the Judaria and the Shaw Sea, is a stunning sculpture, a 2138 years synthesis of Portuguese history. The House enclosed within the Travessa da Funil, the Largo do Contado Mor, Rua da Maldonado, and Beco dos Cegos, all names coming from the middle age is perfect to become, during day time and within its 2 red gates, the centre of this newly designed Aldeia, busy, happy, fluid, entertaining, funny, free.

Integrating the local community, filled with little corners quiet storefronts bringing to mind of the inhabitants and the tourist the traditional manual labour of the characteristic medieval village.

A square for an open air theatre bordered by 4 jacaranda trees, to be used by the neighbors, for a fado contest, a theatre play. Another one for an organic market once a week.

The whole concept is about telling a story, bringing to the people who come to discover Lisbon a true living experience of the Portuguese Cultural Heritage while respecting the essence of this really and truly marvelous vernacular Oceanic Capital City with its ever changing light.

Le culte de l'unitarisme est une autre composante de l'amnésie. Michel Serres

www.palaciobelmonte.com





Ceramic Water Filter

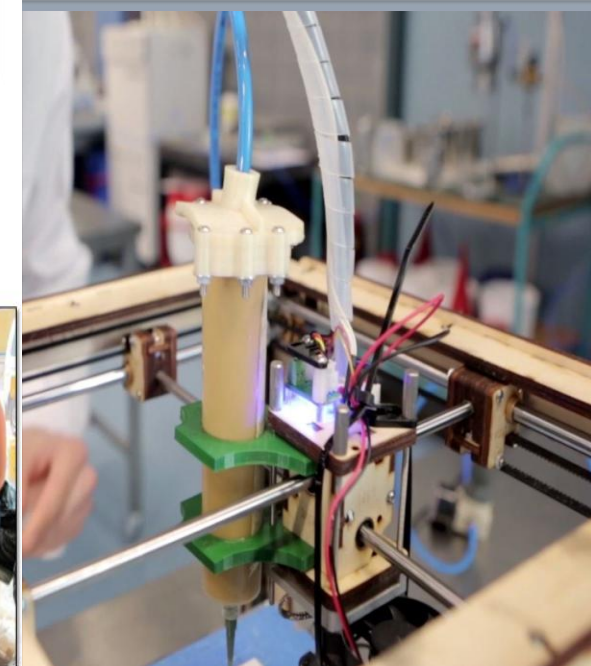
Ceramic water filter is an inexpensive and effective type of water filter, that rely on the small pore size of ceramic material to filter dirt, debris, and bacteria out of water.



3D printing vs traditional method



1. Preparing the raw material
2. Mixing the raw material (+ silver)
3. Making blocks and press them into filters → **3D printing**
4. 'Reshaping' and labeling → **3Dprinting**
5. Drying
6. Firing
7. Testing flow rate

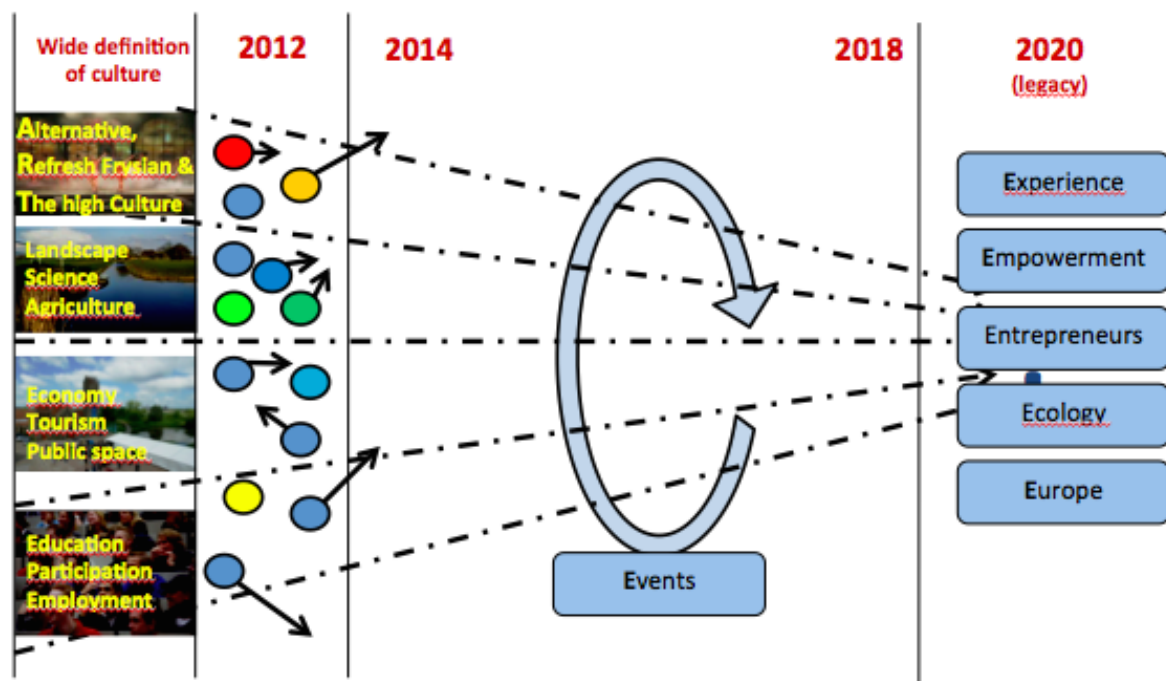




LEEWARDEN · LJOUWERT

Strategie:

LWD2018 = 5 + 1 E's





Thank you