Raising Community Awareness on Sustainability

The case of the projects '(D)rain For Life' and ASPIS

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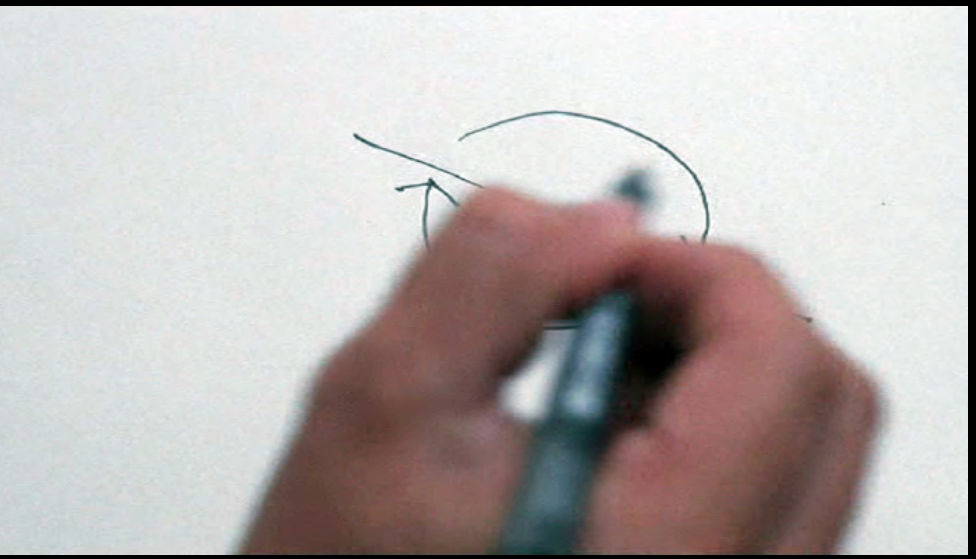
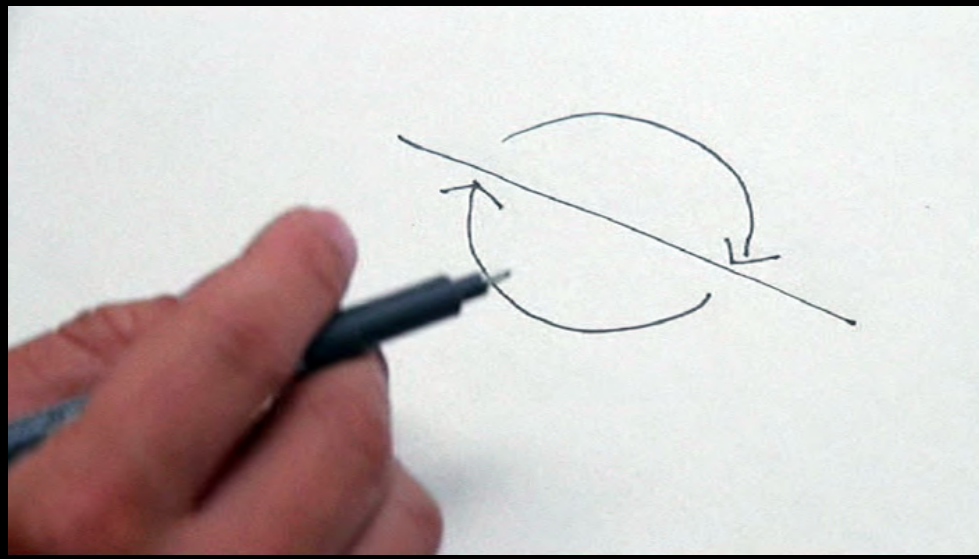
Inception – to launch, to start, to implant





stills from the movie 'inception' - 2010

„in a dream perception and creation happen simultaneously“

Nachhaltigkeit ------ **Sustainability derived from forestry**

Hans Carl von Carlowitz

the notion 'sustainability' seems obvious
further research on its necessity is outdated?

***environmental, economic and social* sustainability**
are forming the pillars of sustainability

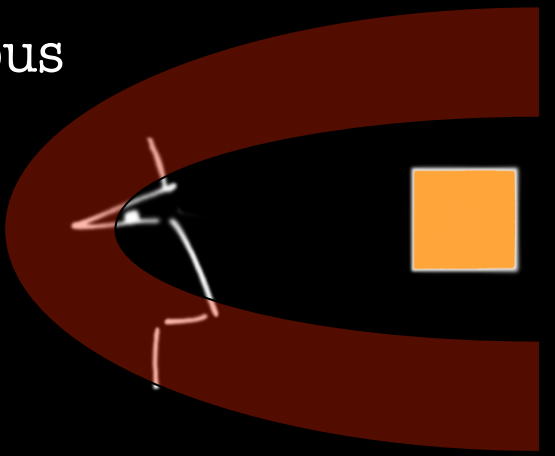
The pillars concept is criticized of being hermetic and denying development.

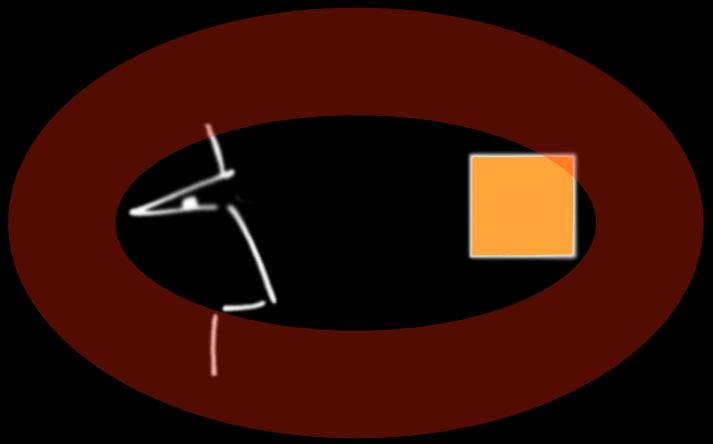
. *the social aspect is often seen as a black sheep*

. *social sustainability is the only pillar which breaks out of the concept.*

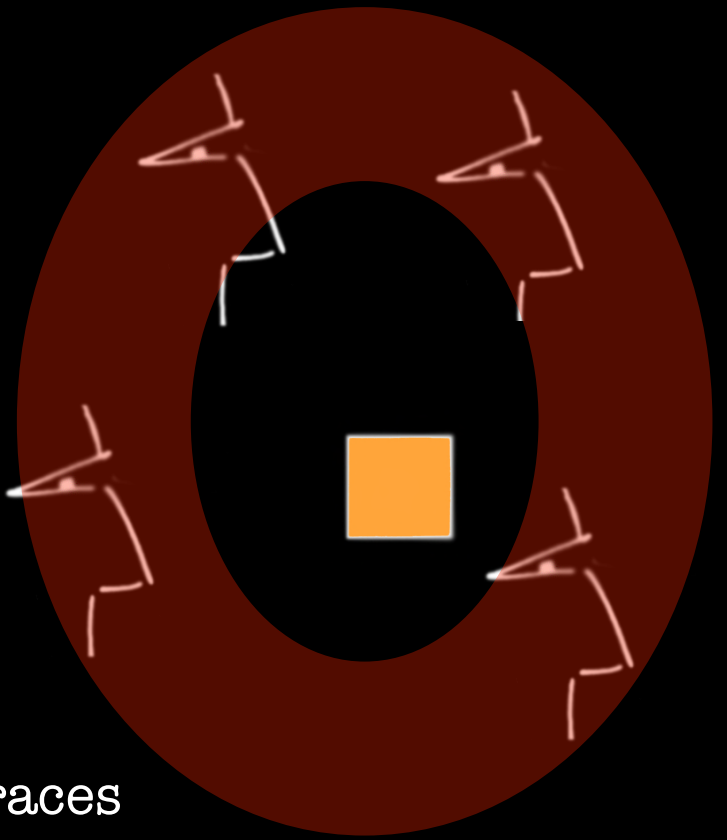
. *social sustainability does not only refer to its own metabolism of money or ecology*

Awareness - being conscious of a space or a concept





Empathy - identifying with the space or concept



Negotiation – space or concept embraces

awareness *leads*
the moving
gardener

urban agriculture
as a result
of food ***empathy***

....provoking ***negotiation***

ASPIS - Auditing the Sustainability of Public Spaces

Pan-European research project 2009-2012

ISSUES AND CRITERIA	RANKING							INDICATOR			STAKEHOLDER			
	very little or not at all	a little	so&so	rather much	very much	don't know don't understand	not relevant		Successfully applied?		Place a √ to relevant stakeholders			
1. Variety / multiplicity of users	1	2	3	4	5			Parameters that define and explain the criteria	YES	NO	GENERAL PUBLIC	PLANNERS	POLICY MAKERS	EDUCATION COMMUNITY
1.1 Can the open space serve the needs of many different users?			x					(1) No of different types of users - preferable name them: children, youth, mothers with children, families, old people, young couples, local people, people coming from other areas, people working in surrounding areas (2) No of on-going activities (according to real use of space) (3) Use of site for educational activities by schools or NGOs	1,2,3		x (1,2,3)	x (1,2,3)	x (1,2,3)	x (1,2,3)
1.2. Are the different users in conflict between them?			x					How can one identify conflict caused by different activities and users sharing the same space: (1)The level of noise from one activity does disturb other users (2) Overcrowding over a certain area of the open space (3) One activity expands over the area of other users and "squeezes" them (4) There are regulations or actiivity schedules that would manage and avoid conflict (refers to the presence of a mechanism that controls activities e.g. a person regulating the use of a basketball field or a writen time-schedule for different activities)	1,2,3,4		x (1,2,3,4)	x (1,2,3,4)	x (1,2,3,4)	x (4)
1.3 Is the open space designed in a way that accommodates well the different needs of users?		x						(1) Uses for small children (palygrounds) are well separated from other users (2) Sports facilites are well separated from other uses (3) Pedestrians are separated from cyclists (4) Refreshment areas are delineated and limited , not to distract other recreation activities	1,2,3,4		x (1,2,3,4)	x (1,2,3,4)	x (1,2,3,4)	x (1,2,3,4)
	very little or not at all	a little	so&so	rather much	very much	don't know don't understand	not relevant		Successfully applied?		Place a √ to relevant stakeholders			
2. Security/safety	1	2	3	4	5				YES	NO	GENERAL PUBLIC	PLANNERS	POLICY MAKERS	EDUCATION COMMUNITY

sustainability criteria in a star-rating-tool to evaluate public spaces

	very little or not at all	a little	so&so	rather much	very much	don't know don't understand	not relevant		Successfully applied?		Place a √ to relevant stakeholders			
5. Organic relationship of the open space to the surrounding areas/the city - Select one of the two options:	1	2	3	4	5				YES	NO	GENERAL PUBLIC	PLANNERS	POLICY MAKERS	EDUCATION COMMUNITY
5a open spaces serving local needs								**5a**						
5.a.1 Is there social cohesion with the neighbourhood?			x					(1) Meeting points for adults and kids (2) Number of people using the site regularly (3) Local community groups are actively involved (4) Social control is exercised by the local community	3	1,2,4	x	x	x	x
5.a.2 Is there economic cohesion with neighbourhood - interaction with local facilities and amenities ?				x				(1) The site is surrounded by shops (2) The site is in short distance from education, recreation/ sport and cultural facilities/amenitites (3) The site favours and is favoured by its proximity to these facilities and amenities	1,2,3			x (1,2,3)	x (1,2,3)	x(2,3)
5.a.3 Is there cultural cohesion with the neighbourhood?					x			(1) The open space is a symbol of the identity of the neighbourhood (2) Local cultural & social events are celebrated in the open space (3) The open space bears clear signs of the history and heritage of its neighbourhood	1,2,3		x (1,2,3)	x (1,2,3)	x (1,2,3)	x (1,2,3)
5b open spaces serving wider, non-local needs in the city								**5b**						
5.b.1 Is there social cohesion with the city?				x				(1) A large variety of users is present, from different parts of the city, including tourists (2) Number of people using the site regularly (3) All types of community groups, NGOs, are actively involved	1,2		x(1,2)	x(1,2)	x(1,2)	x(1,2)
5.b.2 Is there economic cohesion with the city - interaction with city-wide facilities and amenities?				x				(1) The site is in close proximity to central shops (2) The site is in close proximity to public buildings, recreation/ sport and cultural facilities/amenitites of city-wide importance (3) The site forms part of a wider network of central facilities and amenities prividing mutual support (4) The site originates economic activity through urban tourism	1,2,3,4			x(2,3,4)	x(2,3,4)	x(2,3,4)
5.b.3 Is there cultural cohesion with the city?					x			(1) The open space is a symbol of the city (2) City-wide cultural & social events are celebrated in the open space (3) The open space bears clear signs of the history and heritage of the city, relating to surroundings or included buidlings and monuments	1,2,3		x (1,2,3)	x (1,2,3)	x (1,2,3)	x (1,2,3)
5c Connectivity								**5c**						
5.c.1 Is the public open space connected to a network of other public spaces or to a green corridor?			x					(1)The open space forms part of a wider network of green and/or historical/cultural public places in the city	1		x	x	x	x

sustainability criteria in a web-based game to create awareness in public spaces

Estonia-Latvia cross-border cooperation programme project

(D)rain for life

promoting sustainable urban drainage systems (SUDS) in Latvia and Estonia

4 case study areas: 2 in Estonia and 2 in Latvia

Promoting Sustainable Urban Drainage Systems in Estonia-Latvia cross-border area to improve the environment for active and sustainable communities

(D)rain for Life

Estonia Latvia Programme

European Union

Linking Estonia and Latvia

Part-financed by the European Regional Development Fund

conventional vs. SUDS systems

social aspects of SUDS?

CASE STUDY PROJECT DEVELOPMENT

1. LV+EE project team + international expert: brainstorming workshop
   ← input
2. LV/EE local project team: draft development
3. international expert: feedback
   ← input
4. LV/EE local project team + local experts + communication expert: workshop
   ← input
5. local inhabitants + local experts: communication via IT platform
   ← input

RESULT

CASE STUDY PROJECT DEVELOPMENT

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RESULT

www.drainforlife.eu/index.php/en/participation/participitation-baldone
Reader
drain for life project
anslate livejournal Карты Google Google kalendārs gmail ōis Inbox.lv Arctic facebook Википедия YouTube Pin It

Baldone

Drain For Life

login

9.) Altern
Alternativ

8.) Altern
skvēram

7.) Altern
/ Alternati

6.) Altern
Alternativ

5.) Altern
Alternativ

4.) Pilska
SUDS for

3.) Rīgas
Street

2.) Iecava
Street

1.) Esošā

Ilgtspējīgas lietus ūdeņu apsaimniekošanas sistēmas risinājums Rīgas ielai un tā skaidrojums. Lūdzam jūs uzdot jautājumus un izteikt savu viedokli. // SUDS solutions for Rīgas Street. You can ask questions or express your opinion.

Question / jautājums / küsimus

Ask a question / Uzdod jautājumu / küsige küsimus

Cik daudz ūdens tā sistēma uzņems?

sistēma rēķināta lietusgāzei, kas ir reizi piecos gados un ir stundu ilga (tātad, salīdzinoši liels apjoms). Rīgas ielas teritorijai tie ir apmēram 500 m3 ūdens

comment / komentārs / kommentaar

Ideja ir laba, bet man nepatīk tik gara zāle, gribētu, lai ir īsāka!

Gara zāle ir labāk! Vismaz tajā vietā tas ir piemērotāk!

as ielas ĪLUA risinājums / SUDS for Rīgas Street

sustainability criteria are evaluating and create awareness on public spaces

sustainable urban drainage systems are creating awareness on storm water issues

but under the condition of
social sustainability
they create...

perception of the surrounding
awareness on community life
neighborhood pride
social cohesion
quality of life
communal empathy

negotiation

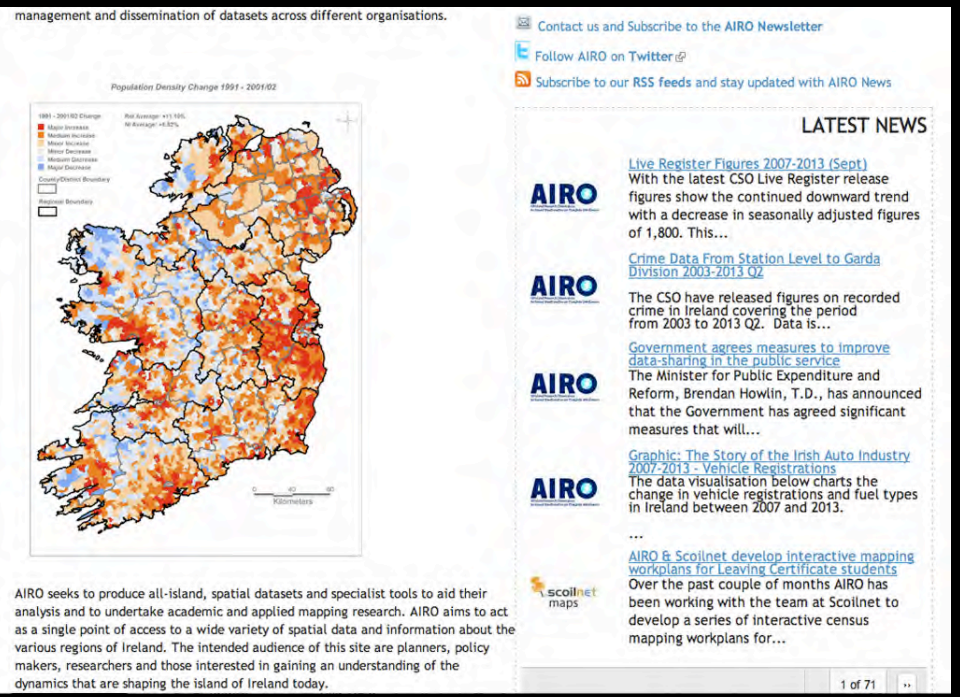
Discussing sustainability criteria among user groups provokes social sustainability in a Public Space

Social sustainability happens when the interaction between people and their environment is visible and therefore negotiable

Social sustainability fosters development: the more people are interacting the more the criteria are being fulfilled

‘welteinheimische Wesen’

world-indigenous creatures



Irish information site : ww.airo.ie

shared space

perceiving community – creating community

raising community awareness via participation in

Temporary use

projects

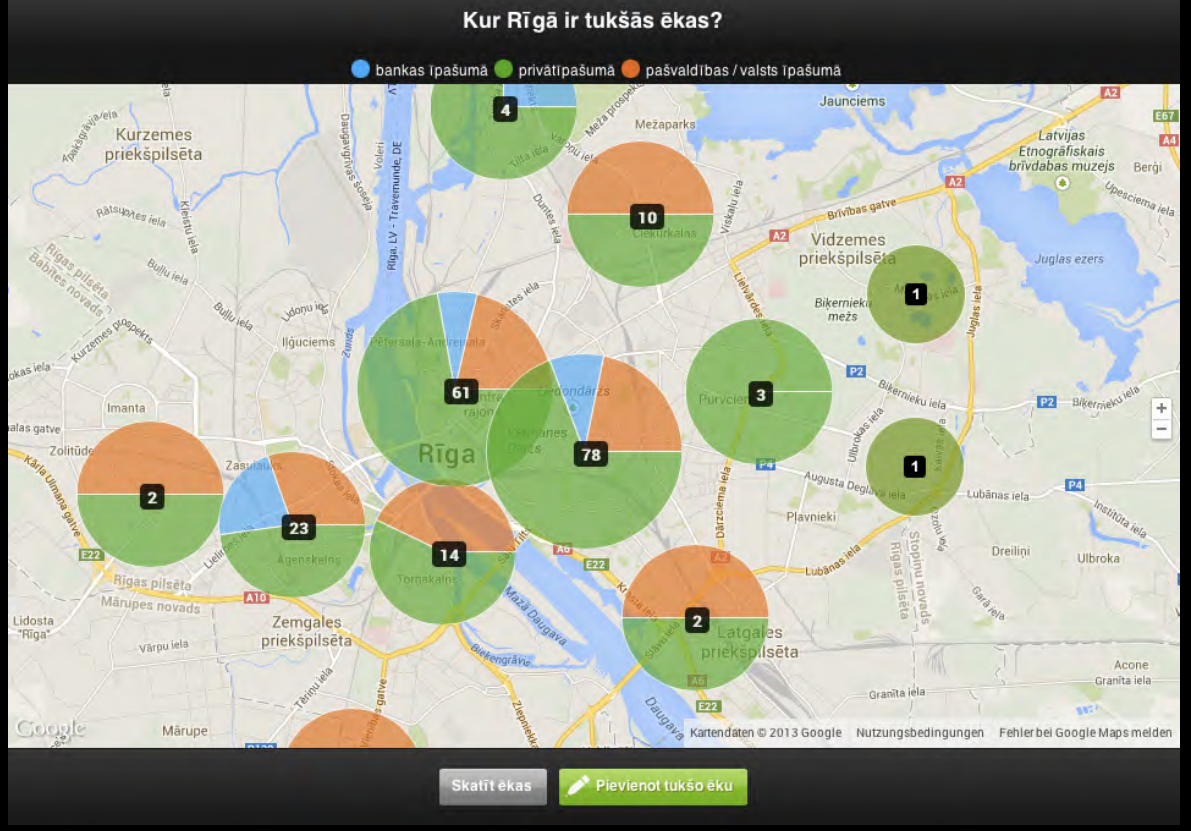
Berlin.Tempelhof

Berlin.Tempelhof

Berlin.Tempelhof

Berlin. NEUKÖLLN

Riga!



occupy me - Riga

Yellow " occupy me" stickers have noted more than 200 buildings in the centre, while creative and public initiatives are unable to find space for activities.

The dialogue about abandoned lots stimulates the discussion about urban renewal and fosters participation. **2014 European Capital** of Culture can be the European Capital of empty spaces.

negotiation vs. measurement

stimulation – provocation to change

social sustainability unfolds potentials beyond technical or ecological origin

boundaries of Landscape Architecture are widening when **social sustainability** is raised