

Open Innovation in Smart Cities: Civic Participation and Co-creation of Public Services



Panel @ASISTAM 2016

16. October 2016

Panel speaker

Walter Castelnovo

How participatory is the city smartness?

Agnes Mainka

Open innovation in libraries

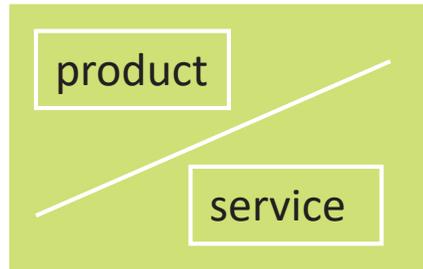
Wolfgang G. Stock

Informational Urbanism -
Public services in smart cities

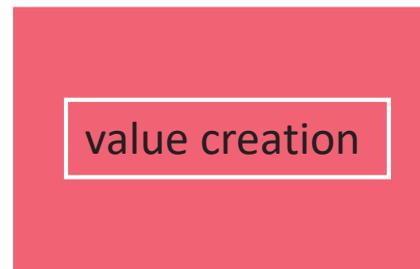
Open Innovation

Business model definition

What?



How?

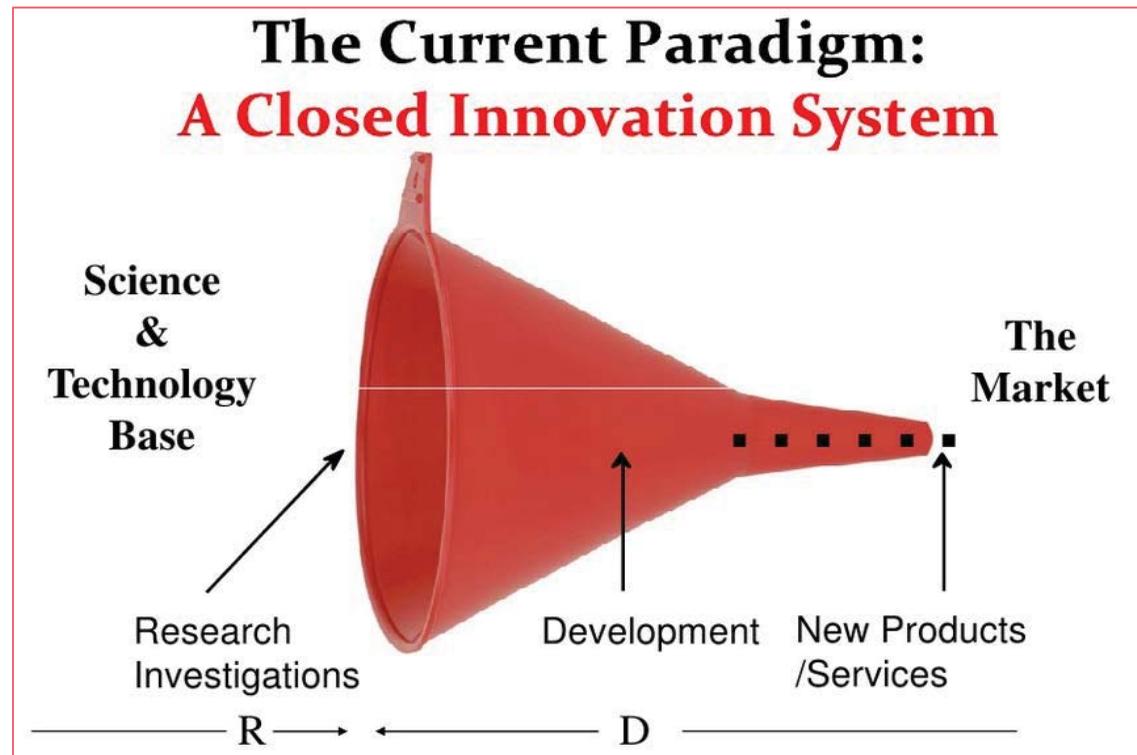


To whom?



Open Innovation

Business model definition



Source: [slideshare.net/Allagi/open-innovation-seminar-2009-brazil-henry-chesbrough](https://www.slideshare.net/Allagi/open-innovation-seminar-2009-brazil-henry-chesbrough)

Open Innovation City model definition



Closed Government



Open Government

Open Innovation in Smart Cities

Open Data

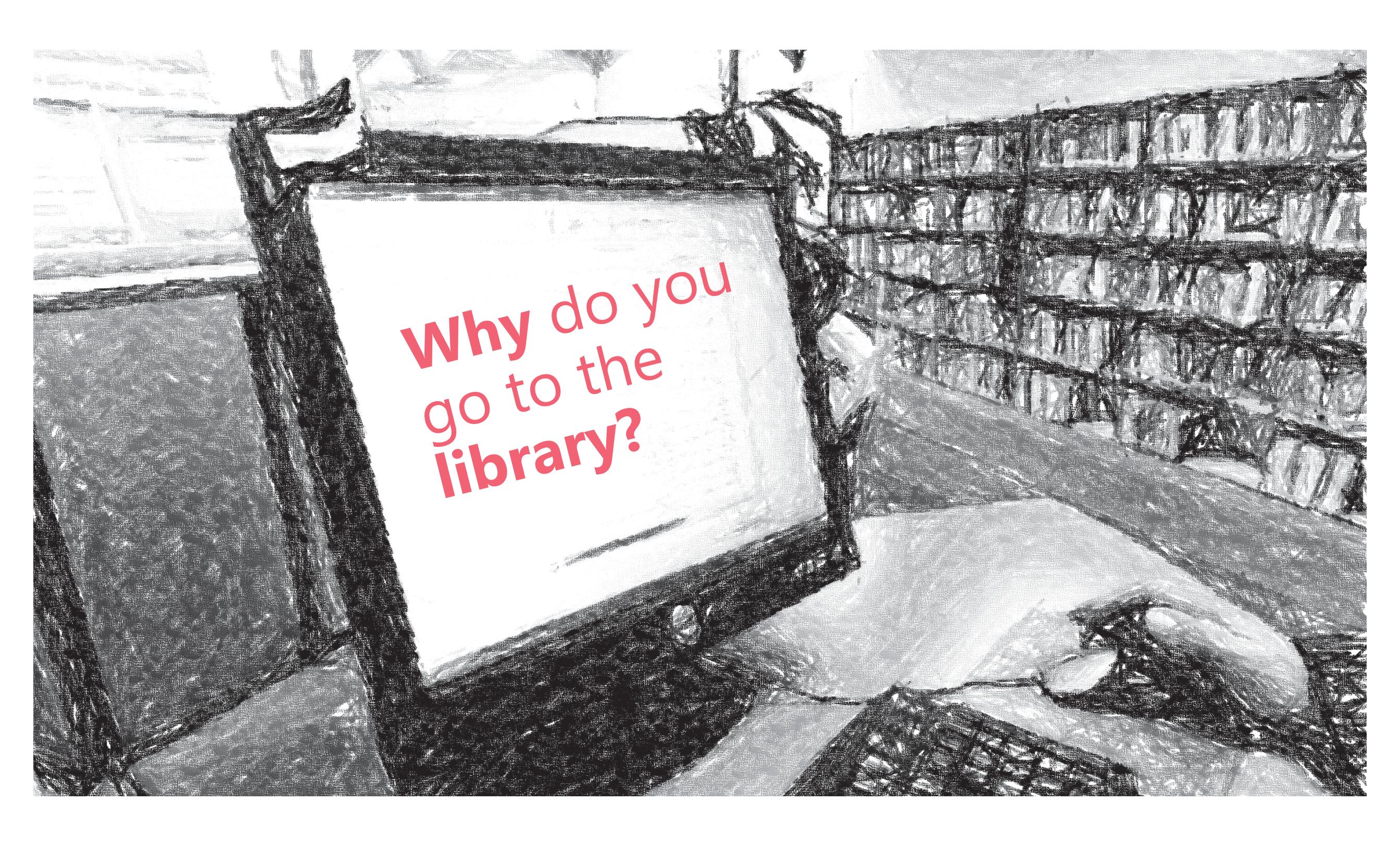


Crowdsourcing

Hackathons

Libraries in Smart Cities

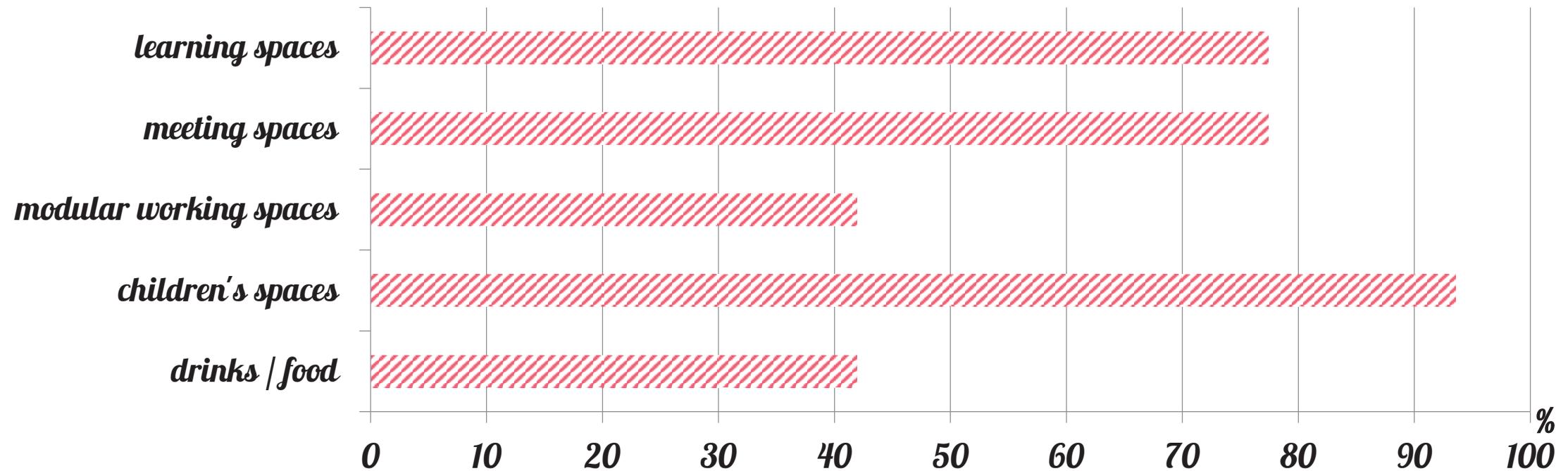


A black and white photograph of a library interior. In the foreground, a large, dark, rectangular sign is mounted on a wall. The sign has a white background and features the text "Why do you go to the library?" in a bold, red, sans-serif font. The sign is slightly tilted. In the background, there are rows of bookshelves filled with books. The lighting is dramatic, with strong shadows and highlights, creating a textured, almost painterly effect. The overall atmosphere is quiet and intellectual.

**Why do you
go to the
library?**

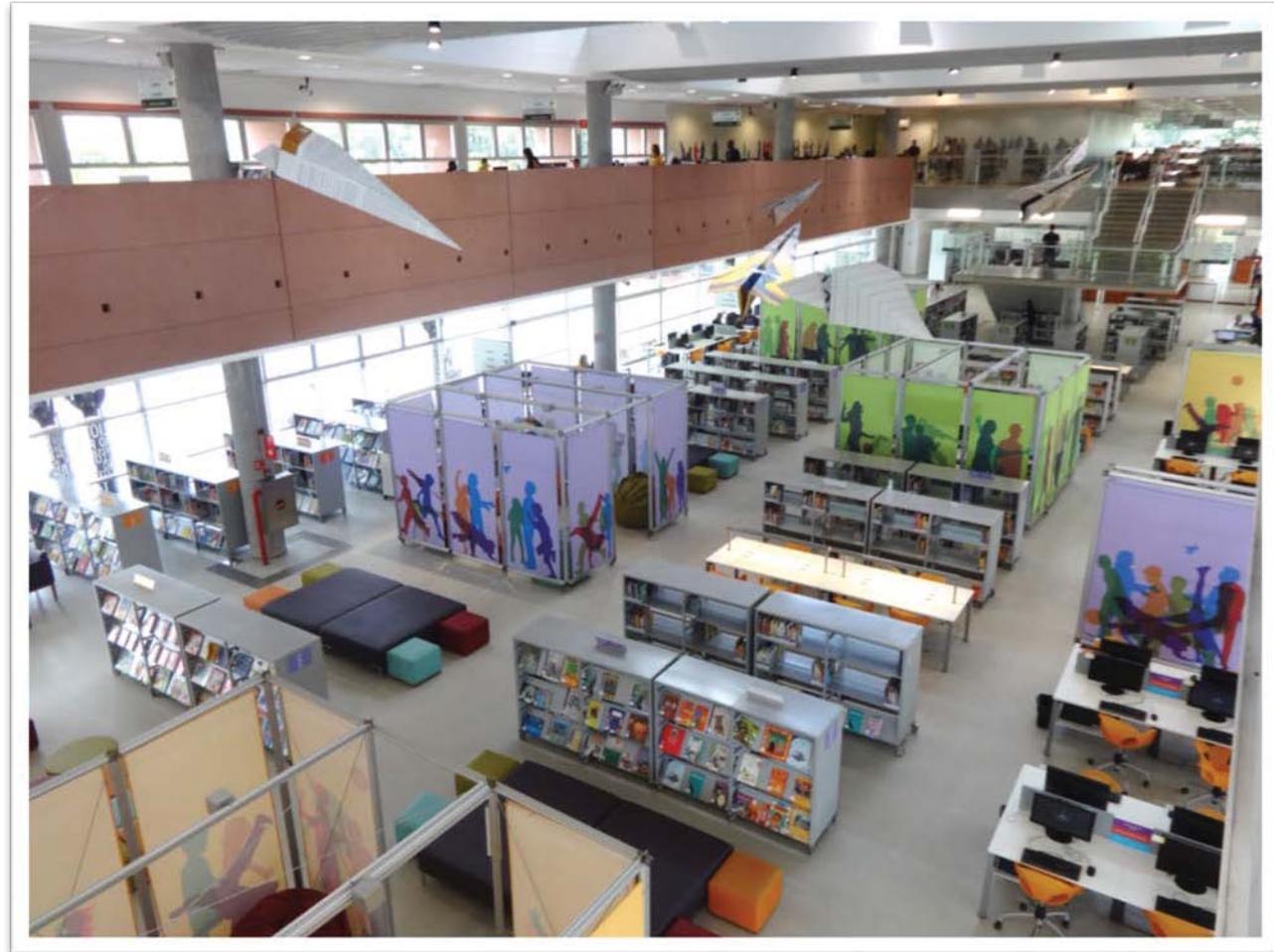
Because of ~~Bookshelves!~~

SPACE

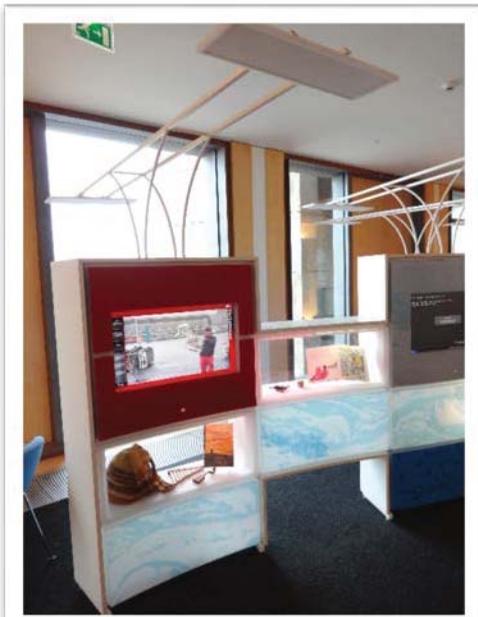


31 Libraries

Space @Sao Paulo Public Library



Space @Amsterdam Public Library



Space @Academic Libraries



Atlanta University Center
Robert W. Woodruff Library



Space @Academic Libraries

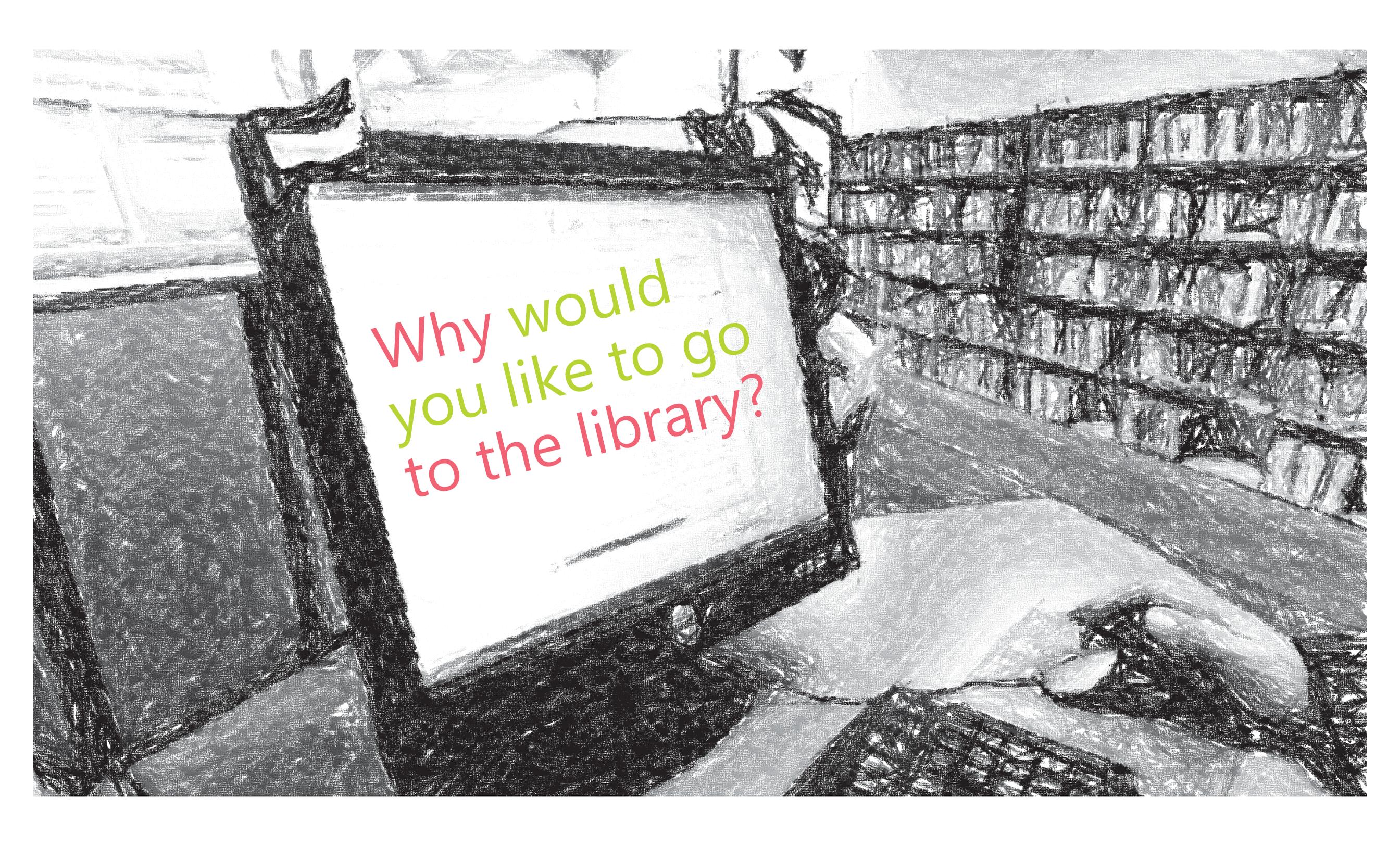
*Winner of the Excellence in
Academic Library Award 2016*

MACALESTER
COLLEGE



“Libraries have moved
from being a storehouse for print materials to providing
access to a vast network of information resources,
workspaces, and services that facilitate the creation of
content.”

Macalester College application form

A black and white photograph of a library interior. In the foreground, a sign is mounted on a wooden frame. The sign has the text "Why would you like to go to the library?" written on it in a stylized font. The words "Why would" and "to the library?" are in red, while "you like to go" is in green. The sign is slightly tilted. In the background, there are rows of bookshelves filled with books. The lighting is bright, and the overall scene is a quiet library environment.

Why would
you like to go
to the library?

Let the community decide!

Example: Dokki Aarhus



Prototyping the future library

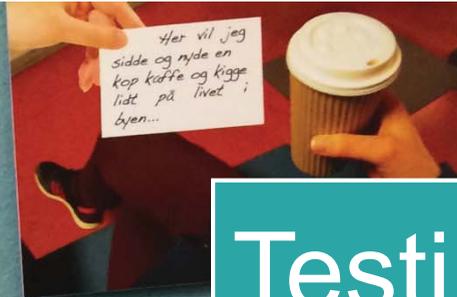


Testing new technology



Testing furnitures

Fortæl os hvad du vil bruge det til



Jeg tror det kan bruges på DC
Det er vigtigt for mennesker, at de prioriteres. Det der smukt, designet eller trænet betyder meget for dem.



Jeg har testet: en kuglepens
Jeg tror det kan bruges på DOKK1 fordi:
Kuglepennen kan skrives med. Her sidder man og skriver. Børnene kan sidde på den og skrive. Det er en god ting.

Jeg har testet: PLC Lounge
Jeg tror det kan bruges på DOKK1 fordi:
Det er en god stol. Det er en god stol. Det er en god stol. Og så kan man sidde på den og skrive på den.



Jeg har testet: DOKK1 fordi:





Developing name and
visual identity



Hackerspaces in libraries

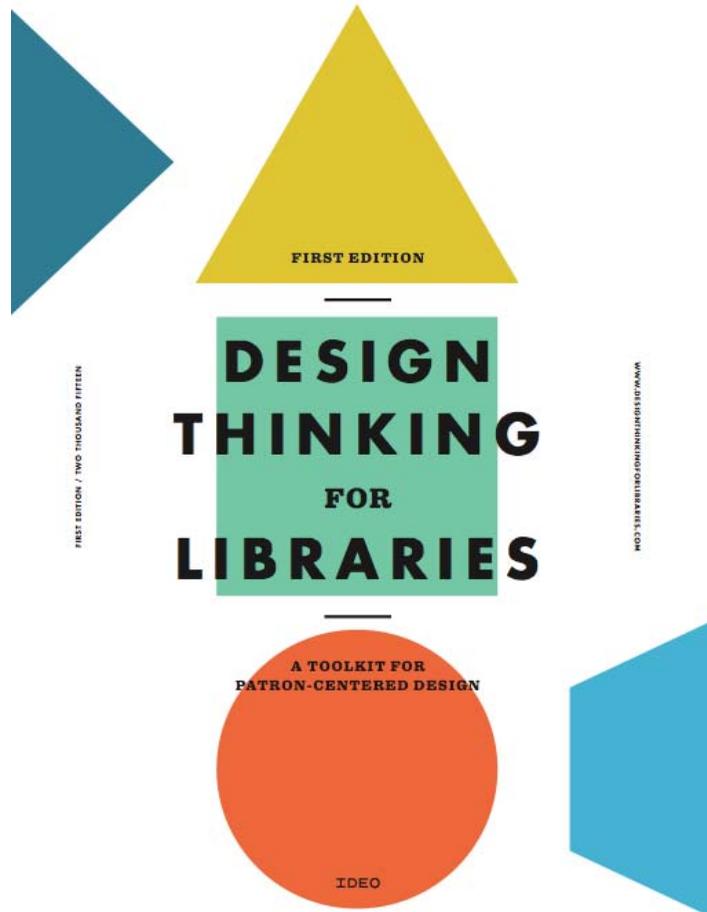
Involving partners



- New resources and skills in the library
- Knowledge and inspiration from others
- Increased network
- Increased diversity and quality in service production
- Enhanced communication and marketing
- Legitimization
- New ambassadors

How to?

www.designthinkingforlibraries.com



So here we are...

- A library for people
- An open urban space – plenty of unprogrammed areas
- The library as driver for innovation in the city
- Co-created with the users
- This prototyping and co-creation phase will continue!
- Let's take a tour in Dokk1!

Tour



del dine billeder med os: #dokki

del dine billeder med os: #dokki
del dine billeder på skærme her i bygnin gen.
på Dokki på Instagram: @dokki aarhus





Pop-up-shops

Meeting Space

Labs



Black Box





The Digital Collection



Book Dispenser

The Ramp



Festival for startups





The Ramp

The Ramp





Maker

A large group of people, mostly in dark suits and dresses, are gathered in a modern, open-plan atrium. They are holding sheet music and appear to be performing or rehearsing. A conductor in a dark suit stands in the center, facing the group. The atrium has high ceilings, large windows on the left side, and bookshelves in the background. People are sitting on the floor in the foreground, watching the performance. The overall atmosphere is one of a community event in a public space.

Pop-up-events

Staircase





Play



DOEKI

Repair Café

Landdag 18 augustus 19 september 16 oktober 19 november 18 december 10.00-12.00

Leid je voor het weekend aan Repareer!



Play

Play



Open Innovation in Smart Cities: Civic Participation and Co-creation of Public Services

My research: bit.ly/agnesmainka

Find me on Twitter: [@Agnieszka_M](https://twitter.com/Agnieszka_M)

Email: Agnieszka.Mainka@hhu.de

Agnes Mainka

Department of Information Science

Heinrich-Heine University Düsseldorf, Germany

Time for discussion...

**Open Innovation in Smart Cities:
Civic Participation and Co-creation of Public Services**

Panel speaker

Agnes Mainka

Introduction &
Examples of Libraries

Wolfgang G. Stock

Smart City &
Informational Urbanism

Walter Castelnovo

Public Value of Smart City
Decision-Making