



SWISS SMART CITIES



# INNOVATION BOOSTER SWISS SMART CITIES

IG Smart City, January 26, 2023

# WHAT ARE « INNOVATION BOOSTERS » ?

Booster ['bü-stər]

*“The first stage of a multistage rocket providing thrust for the launching and the initial part of the flight.”*

- Merriam-Webster Dictionary

*“The **primary stage** of a multistage **open innovation process** that provides the main **impulse for launching innovation ideas** and helping them to get of the ground.”*

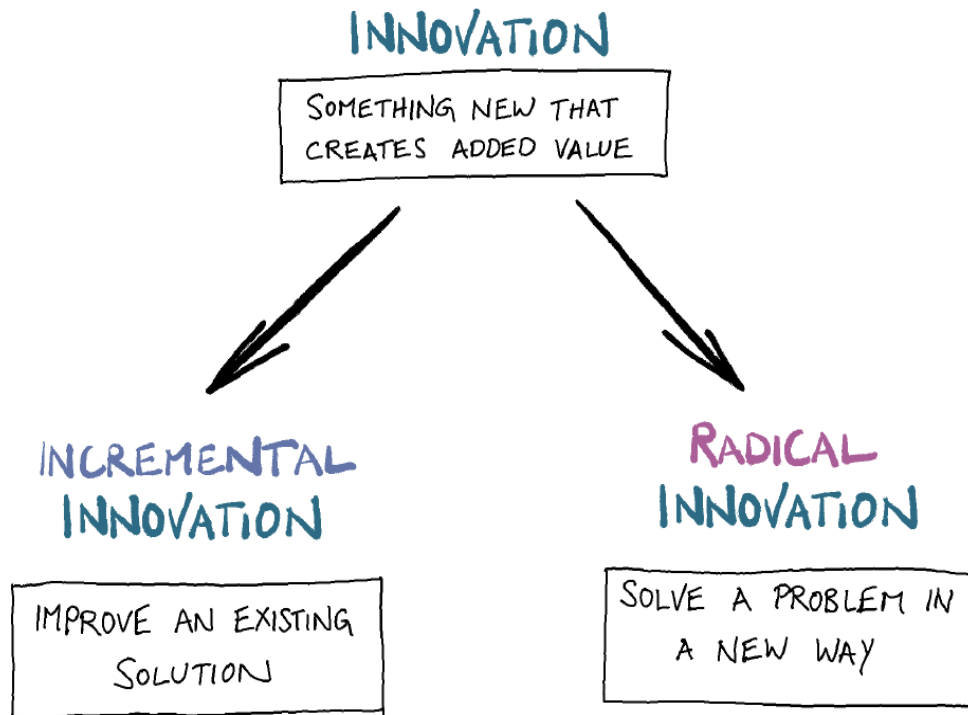
- Innosuisse



# WHAT IS « RADICAL INNOVATION » ?



See also videos on radical innovation by one of our experts,  
Jean-Philippe Hagmann



Part 1: What is an innovation?  
What is radical innovation?



Part 2: What helps create radical innovation? Exploration and testing



Part 3: What helps create radical Innovation? Open Innovation and the mindset

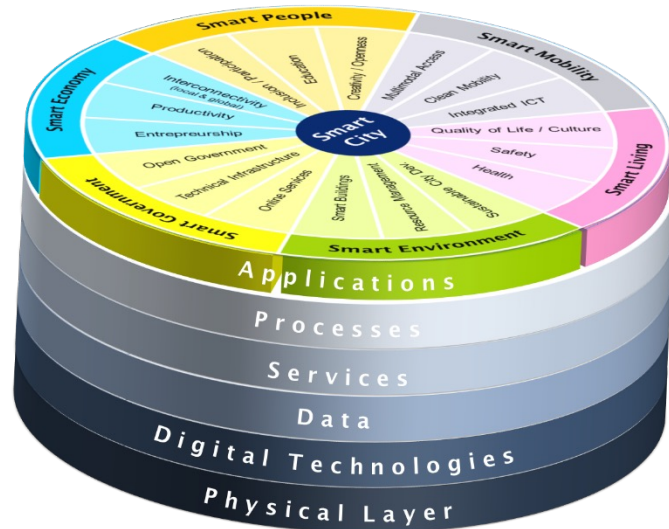


Part 4: What helps create radical innovation? Six fundamental rules of ideation

# SMART CITY: HUMANS IN THE CENTER!



«Using a co-creation approach bringing together innovators, enterprises, public administrations, academia and citizens, this booster will foster **open and radical innovations** that generate **public value** for smart cities and regions across Switzerland. »



3D Smart City Wheel (based on Smart City Wheel by Boyd Cohen, 2015)

- Viable Smart City solutions require
  - Interdisciplinary Multi-Stakeholder Approach (People, Government, Industry, Academia)
  - Experimentation and Agility

# MANAGEMENT TEAM



## Steering Board

President



**Stephan Haller**  
BFH



**Kathrin Puhan**  
Urban Innovation  
Association



**Vicente  
Carabias-Hütter**  
ZHAW /  
Stadt Winterthur



**Enrico Baumann**  
Elektron AG



**Edy Portmann**  
Uni Fribourg



**Xavier Arreguit**  
CityZen /  
Innobrige SA

## Operational Committee

Co-CEO



**Nathalie Klauser**  
Smart City Alliance

Co-CEO



**Lukas M. von Rotz**  
Smart City Alliance

COO



**Flurina Wäspi**  
BFH

CFO



**Urs Anderegg**  
BFH

CMO



**Marisa Kappeler-Schudel**  
ZHAW

# PARTNERS



## Leading House



## Research Partners



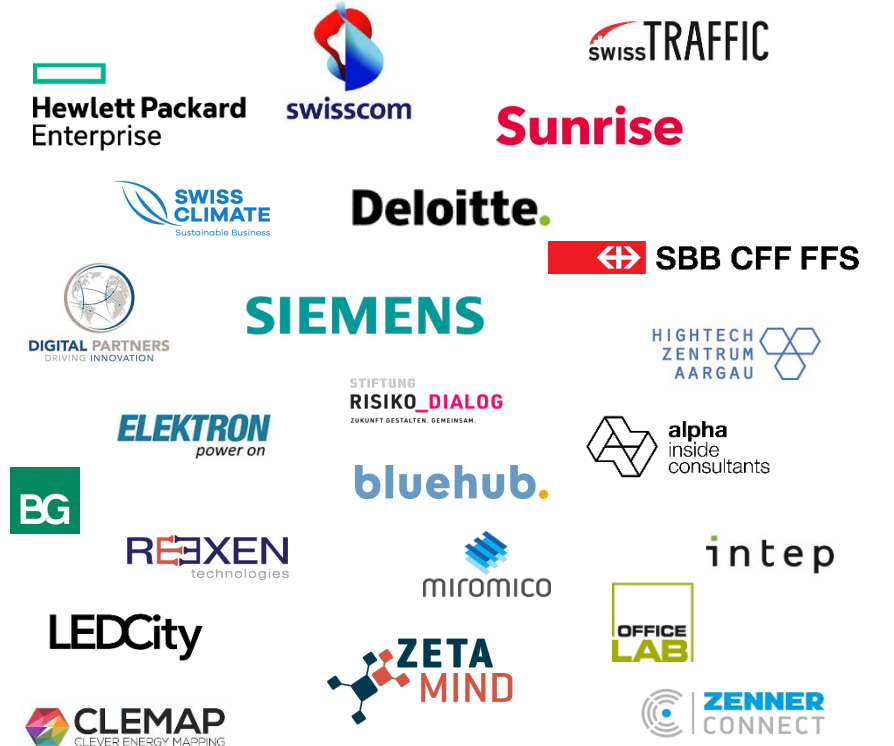
## Cities & Municipalities



## Network Partners



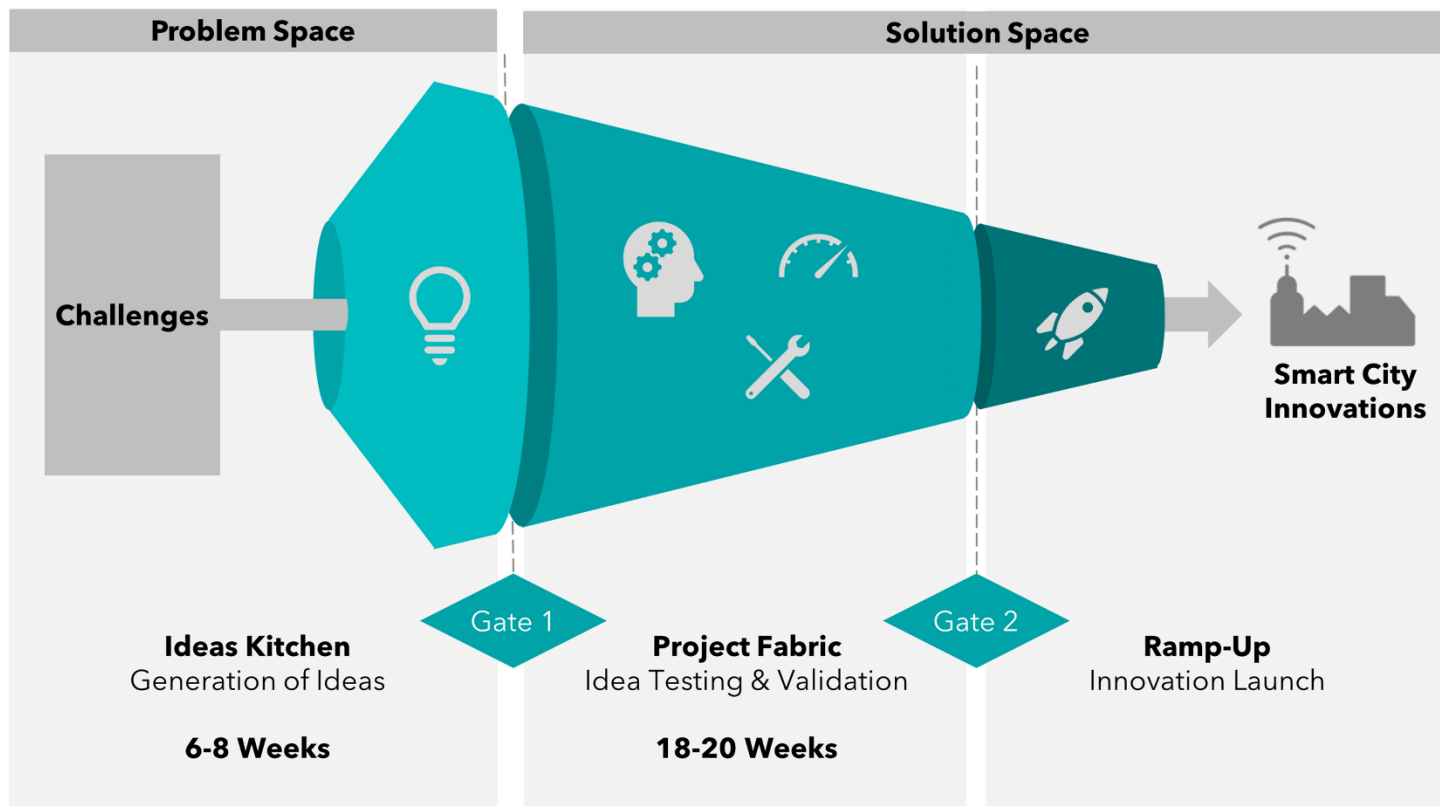
## Implementation Partners



## Innovation Coaching Partners



# OPERATIONS



## What do we offer ?

1. Regular thematic challenges and permanently running «Open Innovation Challenge» for you to participate in on <https://innobooster.org>.
2. Winning teams from Gate 1 (Jury Decision) can claim **CHF 17'000** for Idea Testing & Validation.
3. In the Project Fabric Phase, teams are actively being coached.
4. Gate 2: After about 6 months, the innovation teams are evaluated a second time - if deemed successful, they can claim up to an additional **CHF 8'000** to support organization of third party funds for the ramp-up.

<https://www.swissmartcities.org>

# DESIGN THINKING HELPS CREATE RADICAL INNOVATION



Create value including

- ✓ all relevant players
- ✓ the real user pains



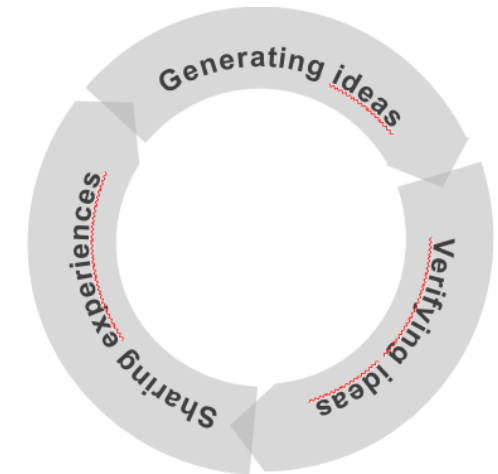
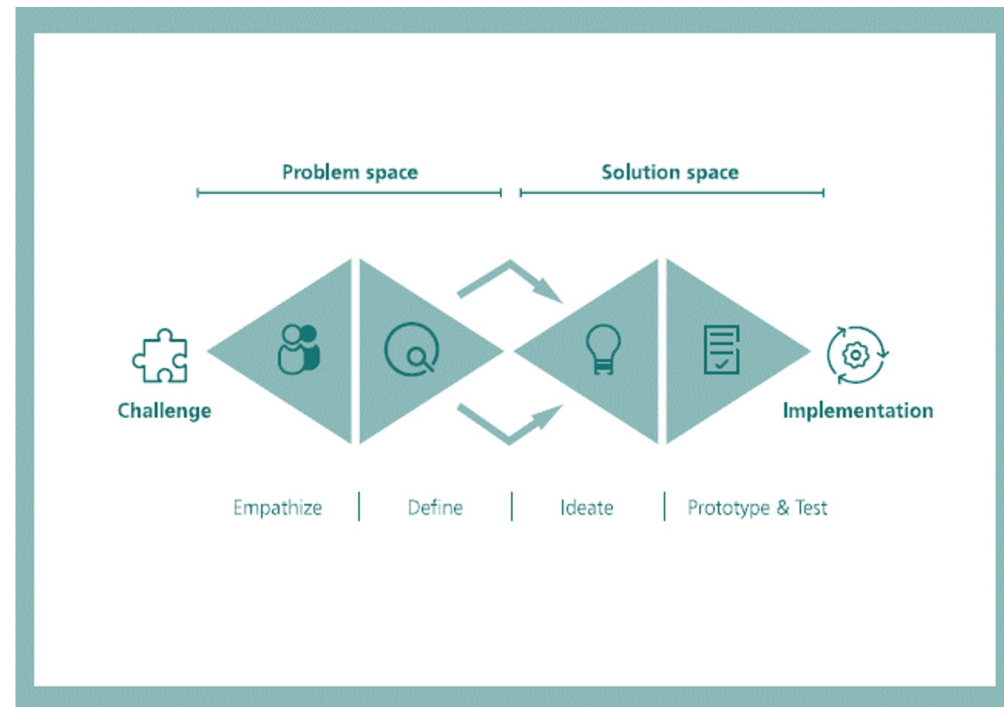
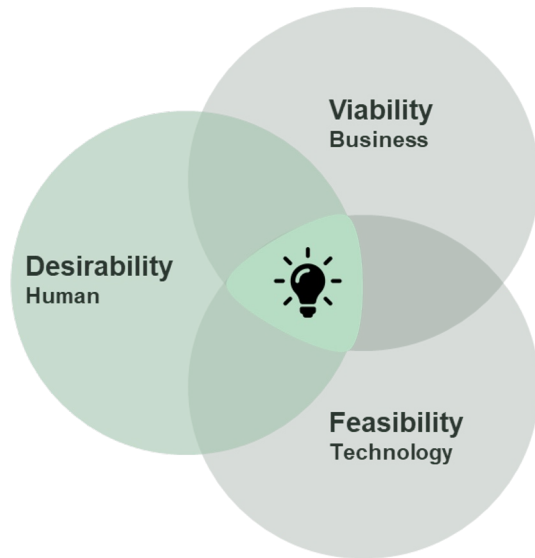
Apply an agile design thinking process

- ✓ problem space: identify and understand problems
- ✓ solution space: develop ideas and test them



Test novel ideas early

- ✓ work in loops
- ✓ share experiences





# IDEAS CURRENTLY BEING FUNDED



**Call 1**

<p><b>Ethics</b></p> <p><u>Pioneering the inclusion of ELSI (Ethical, Legal and Social Implications) aspects in Smart City Governance</u></p>	<p><b>Participation</b></p> <p><u>Leitfaden für Participatory Budgeting Prozesse</u></p>	<p><b>Climate</b></p> <p><u>Climate Ticker Mobility</u></p>	<p><b>Ageing</b></p> <p><u>Elderly driven autonomous mobility</u></p>
<p><b>Energy</b></p> <p><u>Open Energy Data Hub</u></p>	<p><b>Voting</b></p> <p><u>SpaceVote - location-based personal voting</u></p>	<p><b>Education</b></p> <p><u>Verkuppung von Schülern und lokalen KMUs mit Virtual Reality</u></p>	<p><b>Mobility</b></p> <p><u>NovaMobility</u></p>

**Call 2**

<p><b>Züri Ecohero</b></p> <p><u>Züri Ecohero</u></p> <p>Ecological Behaviour</p>	<p><b>fountain</b></p> <p><u>fountain</u></p> <p>Zero-Waste</p>	<p><b>Soziale Akzeptanz von Drohnen im städtischen Umfeld</b></p> <p><u>Soziale Akzeptanz von Drohnen im städtischen Umfeld</u></p> <p>Drone Acceptance</p>	<p><b>Kuki</b></p> <p><u>Kuki - Net zero through behavioural change</u></p> <p>Net-Zero Behaviour</p>	<p><b>Ski Resort - local electricity community</b></p> <p><u>Promoting local electricity communities in Ski Resorts</u></p> <p>Energy &amp; Tourism</p>	<p><b>Virtual Power Plants for Swiss Cities: Proof of Concept</b></p> <p><u>Virtual Power Plants for Swiss Cities: Proof of Concept</u></p> <p>Energy</p>
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# HIGH FLYERS SELECTION



## SpaceVote

Region: Graubünden Glarus Jobs Newsletter & Co E-Paper Radio TV

Menü Suchen **südostschweiz** Login Abonnieren

Nachrichten > Wirtschaft Sport Mediathek Bilder Meinungen Blogs Wohnen Horoskop Unterhaltung

Startseite » Wirtschaft » So kann Klosters zum Rolemodel werden!

### Graubündner Kantonalbank

#### So kann Klosters zum Rolemodel werden!

Partizipieren heisst mitmachen. Viele Menschen möchten gerne an ihrem Wohnort an den politischen Entscheidungsprozessen mitwirken, können es aber nicht.

Klosterson Zeitung 04.01.23 - 12:00 Uhr Wirtschaft Merken

- Swiss values digitalized: Democracy, Inclusion, Participation
- Technology: Data protection compliant
- Broad-based collaboration partnership



## Climate Ticker

wemakeit Über uns Starten Projekte

Climate Ticker x WeMakelt (deutsch) Später ans... Teilen

Ansehen auf YouTube **Dominik Siegrist** Co-Präsident von Klimaschutz Schweiz **Kathy Steiner** Geschäftsführerin Casafair

### Climate Ticker

von Klima-Allianz und Alliance Digitale

Politik Technologie Umwelt

📍 Zürich, Bern und Geneva

**CHF 51'840**  
207% von CHF 25'000

So funktioniert's

**296 Unterstützer\*innen**

Erfolgreich abgeschlossen am **14.11.2022**

Ein schweizweites regionales Klima-Rating und eine Plattform, die es klimabewussten Personen und NGOs ermöglicht wirkungsvoll und direkt in ihren Gemeinden und Kantonen aktiv zu werden.

- Swiss values digitalized: Federalism- local instead of central
- Relevant, real-life, tangible
- Broad and complementary pool of competences



NEXT EVENT



Open for Registration!  
**Feel & Shape the SmartCity Challenges**  
March 29th 2023 | 4-7pm | SmartSuisse Basel

<https://www.swissmartcities.org/events>

# THANK YOU!



## STAY UP TO DATE WITH US ON:

LINKEDIN



#swissinnovationbooster

#IBSSC

WWW.SWISSSMARTCITIES.ORG

