RASC Methodology framework for Smart City

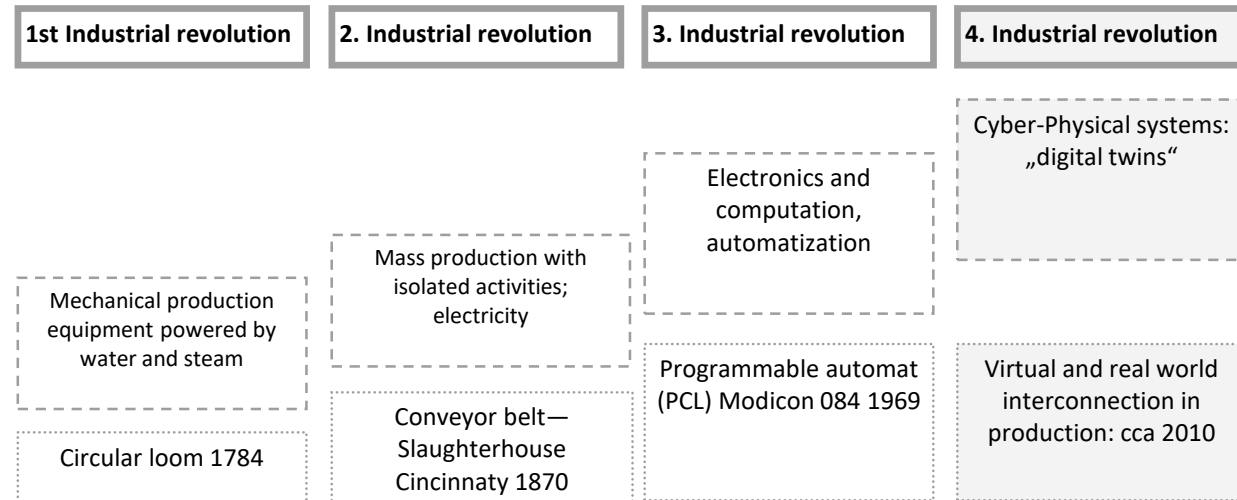Being used in Czech Union of towns and cities project

ITAPA Bratislava 11/2018

The role of RASC Methodology framework for Smart City
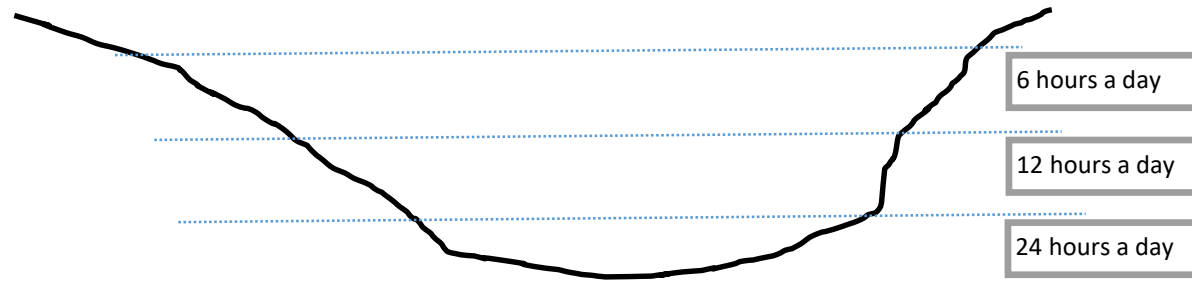
- defines Smart public services and their components in the form of objects
- makes Smart (tranformed) services standardization easier
- Makes strategic and budget planning easier on the levels
  - local
  - Regional
  - National
  - Cross border
  - International
- It has gained support of CEE experts and organizations

Smart City definition regarding Industrial revolutions
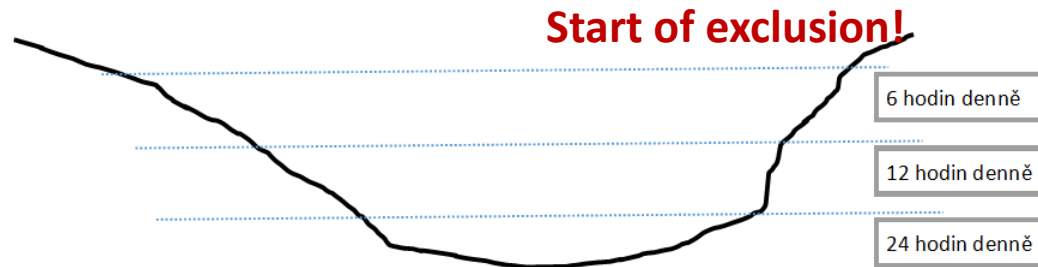
4th industrial revolution and Smart City

1st Industrial revolution	2. Industrial revolution	3. Industrial revolution	4. Industrial revolution
			Cyber-Physical systems: „digital twins"
		Electronics and computation, automatization	
	Mass production with isolated activities; electricity		
Mechanical production equipment powered by water and steam			
		Programmable automat (PCL) Modicon 084 1969	Virtual and real world interconnection in production: cca 2010
Circular loom 1784	Conveyor belt—Slaughterhouse Cincinnaty 1870		

Example: public service – Crisis management for water provision

6 hours a day

12 hours a day

24 hours a day

How to solve?

A. Water price increase
B. Rationed system

Example: public service – Crisis management for water provision

Start of exclusion!

6 hodin denně

12 hodin denně

24 hodin denně

How?

A. Deal in the community
B. Information environment
C. IoT and „digital twin"
D. Satisfaction and information management
E. Identification of related opportunities

How to solve?

A. ~~Water price increase~~
B. Rationed system
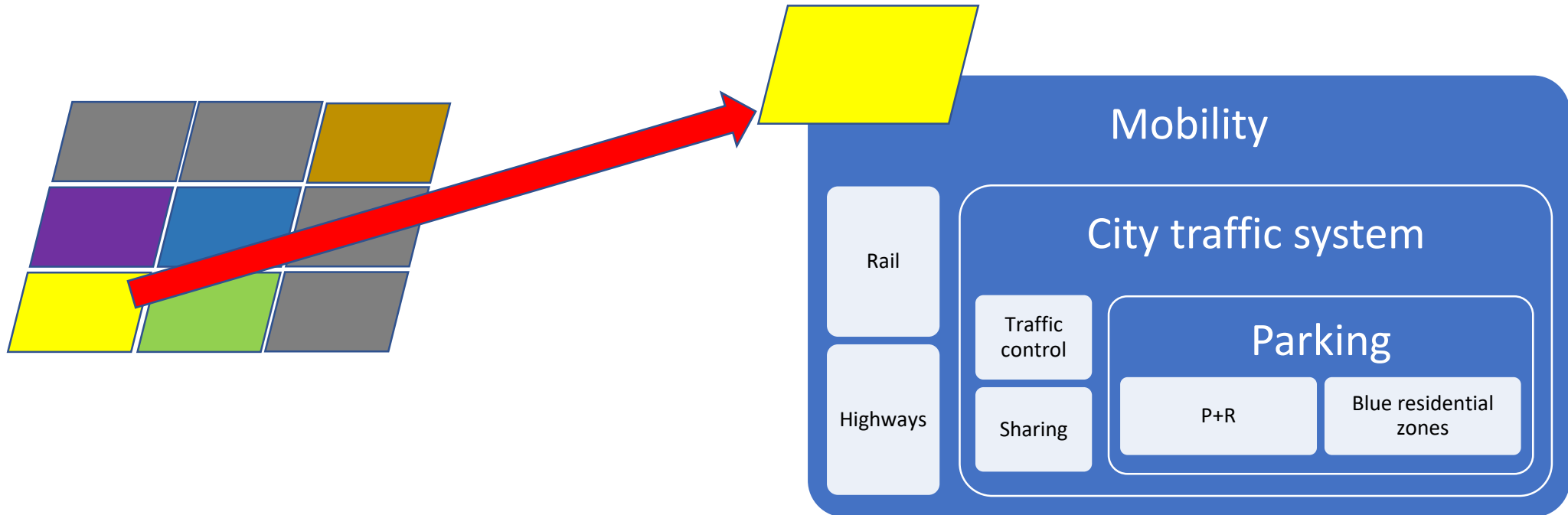C. Commercial service: water supply above the rationed allocation

Conclusion:

3th industrial revolution tools deployment lead to
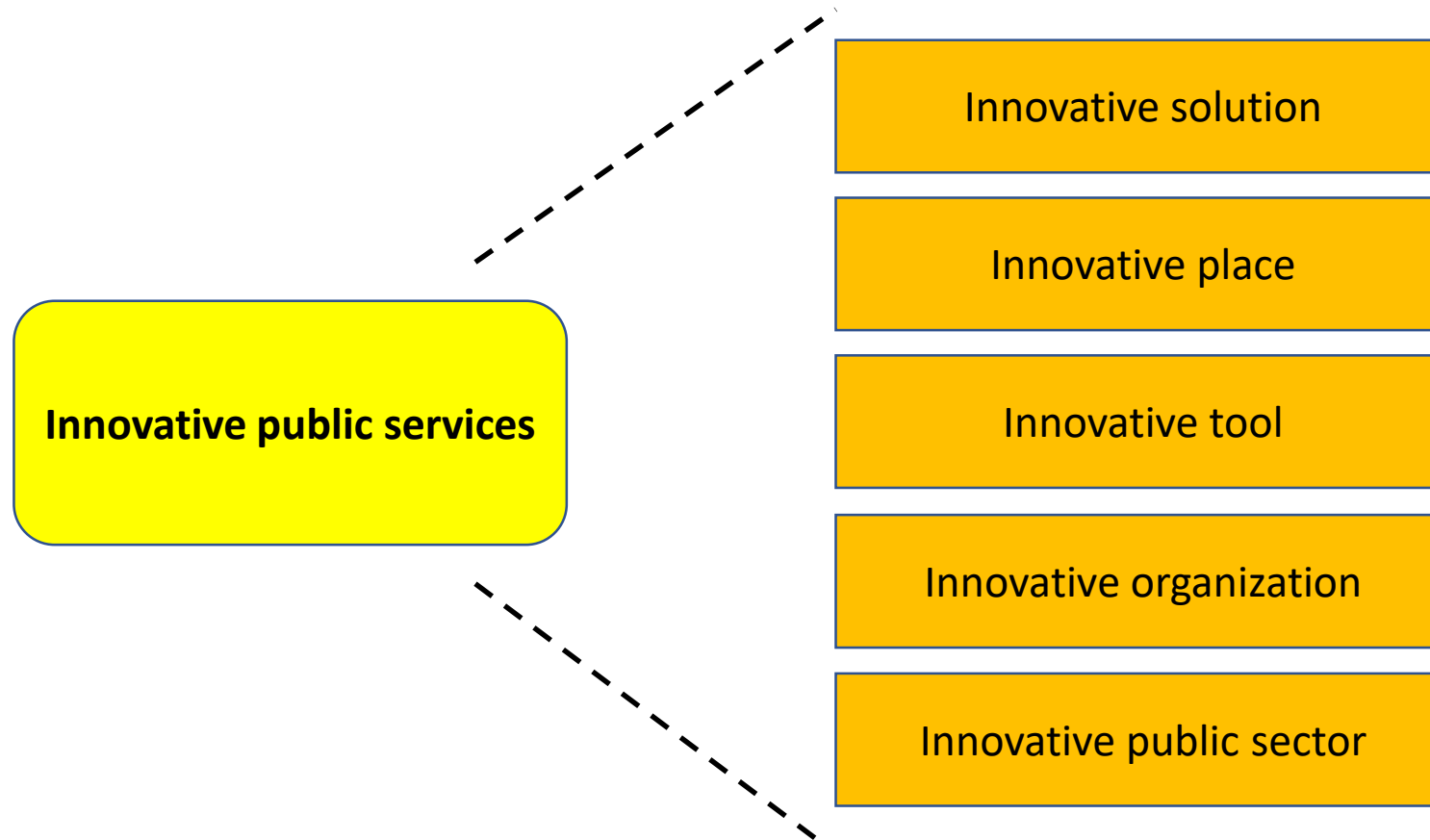❑ **Services of general economic interest**

4th industrial revolution tools deployment lead to
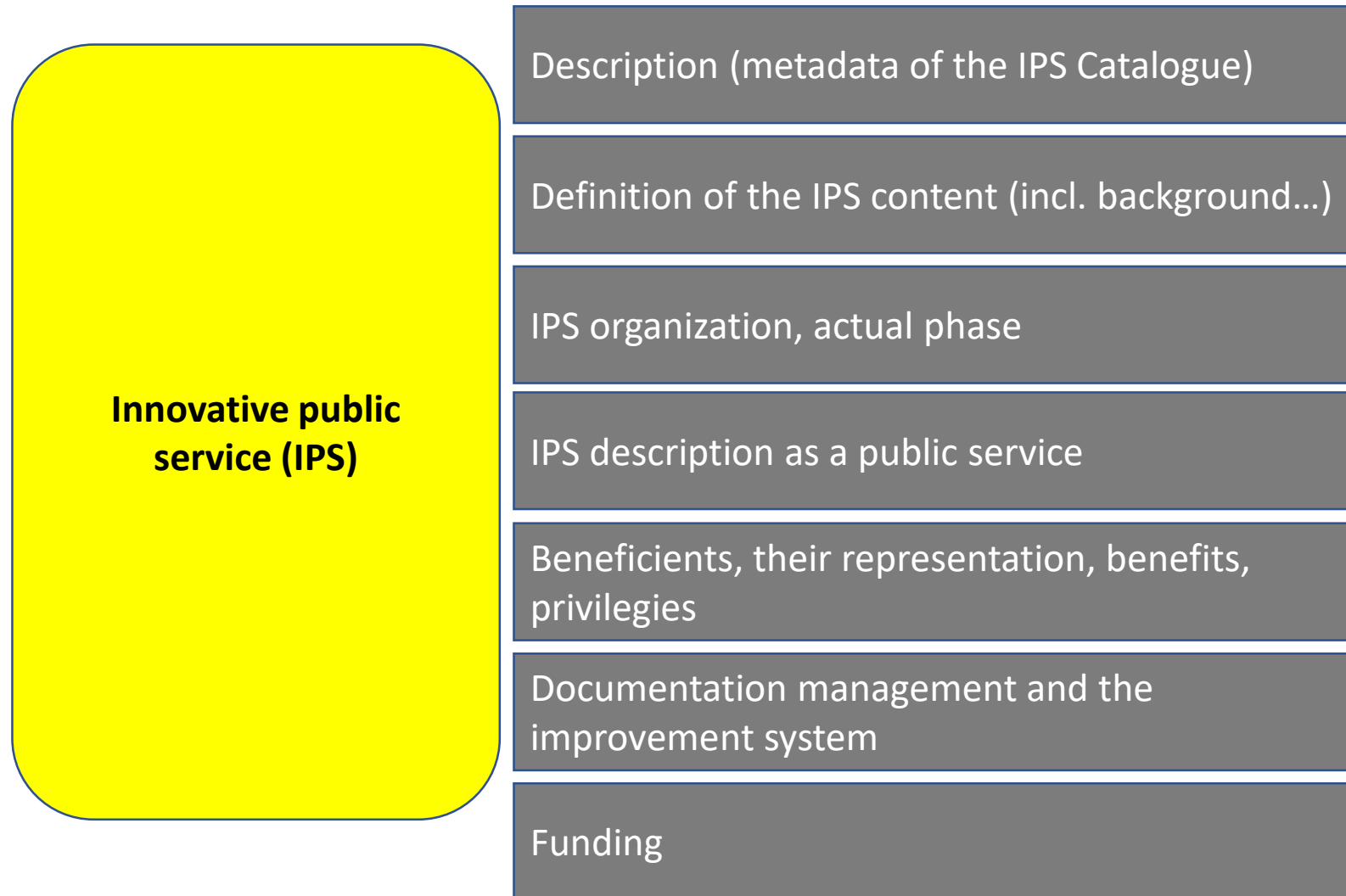❑ **Innovative (transformed) public services**

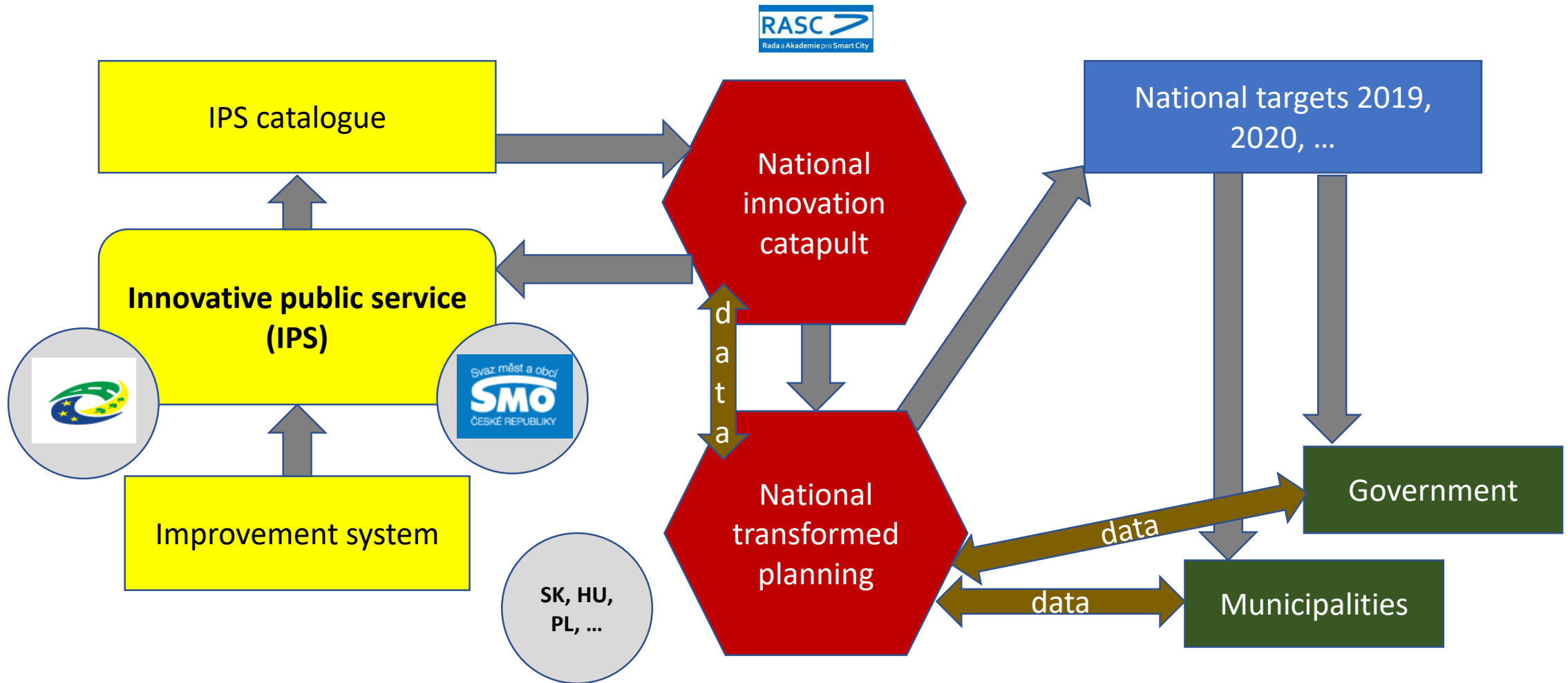# Structure of innovative public service based on RASC

Logical components of Innovative public services based on RASC

Innovative public services

- Innovative solution
- Innovative place
- Innovative tool
- Innovative organization
- Innovative public sector

Innovative public services based on RASC

Innovative public service (IPS)

Description (metadata of the IPS Catalogue)

Definition of the IPS content (incl. background…)

IPS organization, actual phase

IPS description as a public service

Beneficients, their representation, benefits, privilegies

Documentation management and the improvement system

Funding

RASC Methodology framework for Smart City scheme

Let us come together!

Pavel Nácovský
RASC SCRUM OWNER
Zajišťuji obsah a kvalitu služeb, profesionalitu. Jsem tu, aby Vás spolupráce bavila

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Zajišťuji soulad s metodikou MMR a dalšími standardy a trendy Smart City

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Rada a Akademie pro Smart City
(Council and Academy for Smart City)
Open interdisciplinary CEE think-tank