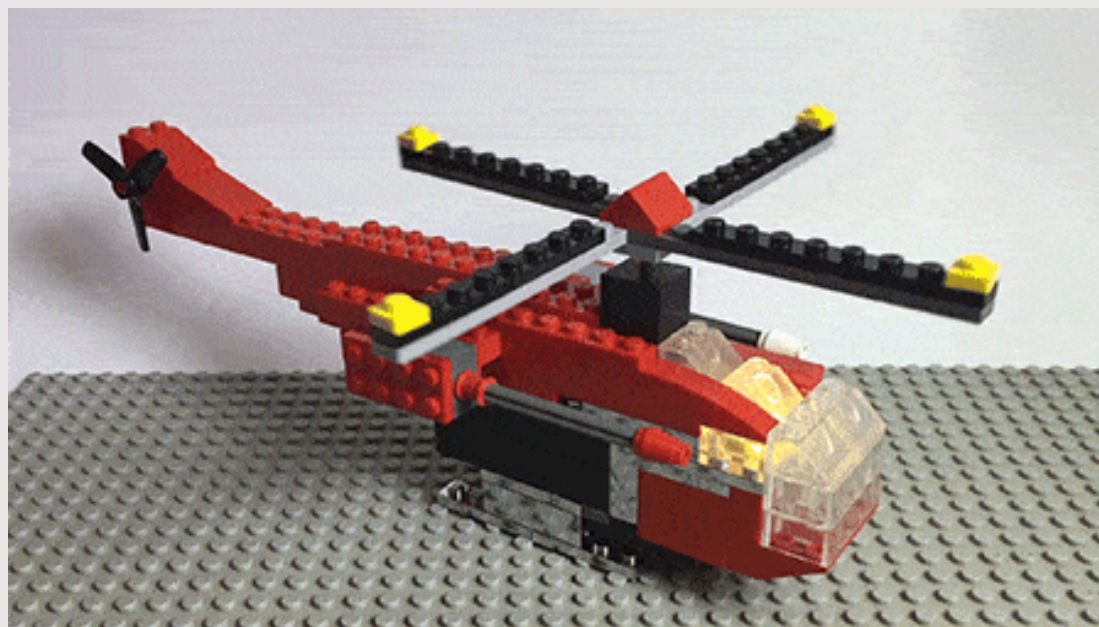


European Energy Award: its smart city approach and examples of ICT projects



Charlotte Spoerndli, European Energy Award Office, Brussels, 16 April 2016

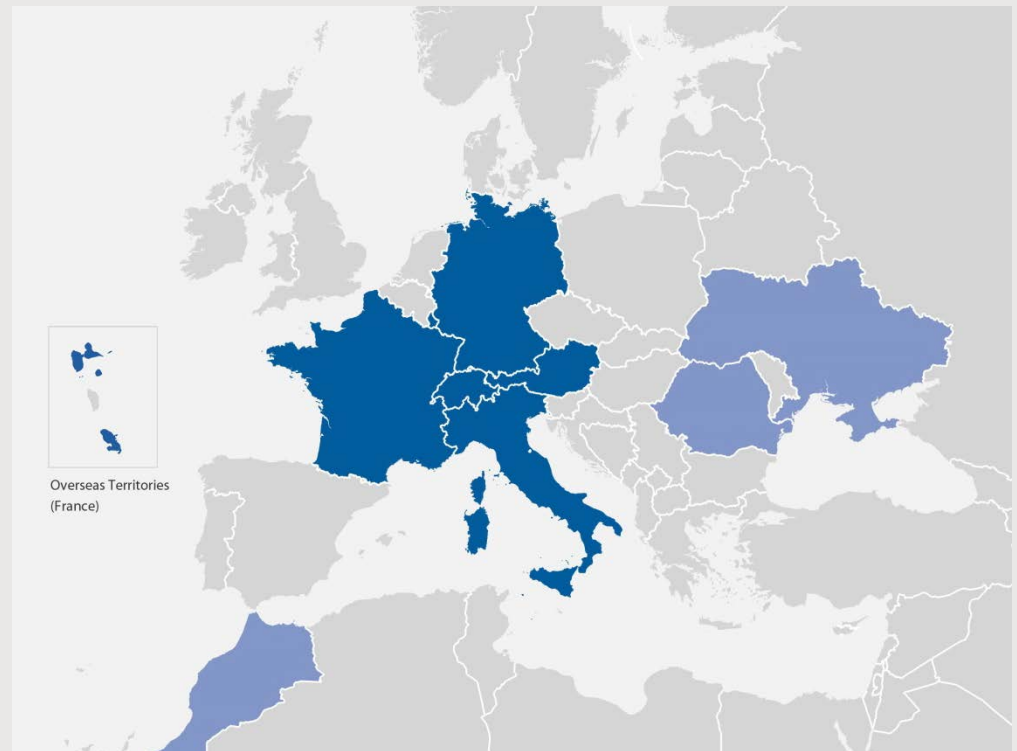


European Energy Award

Participating countries

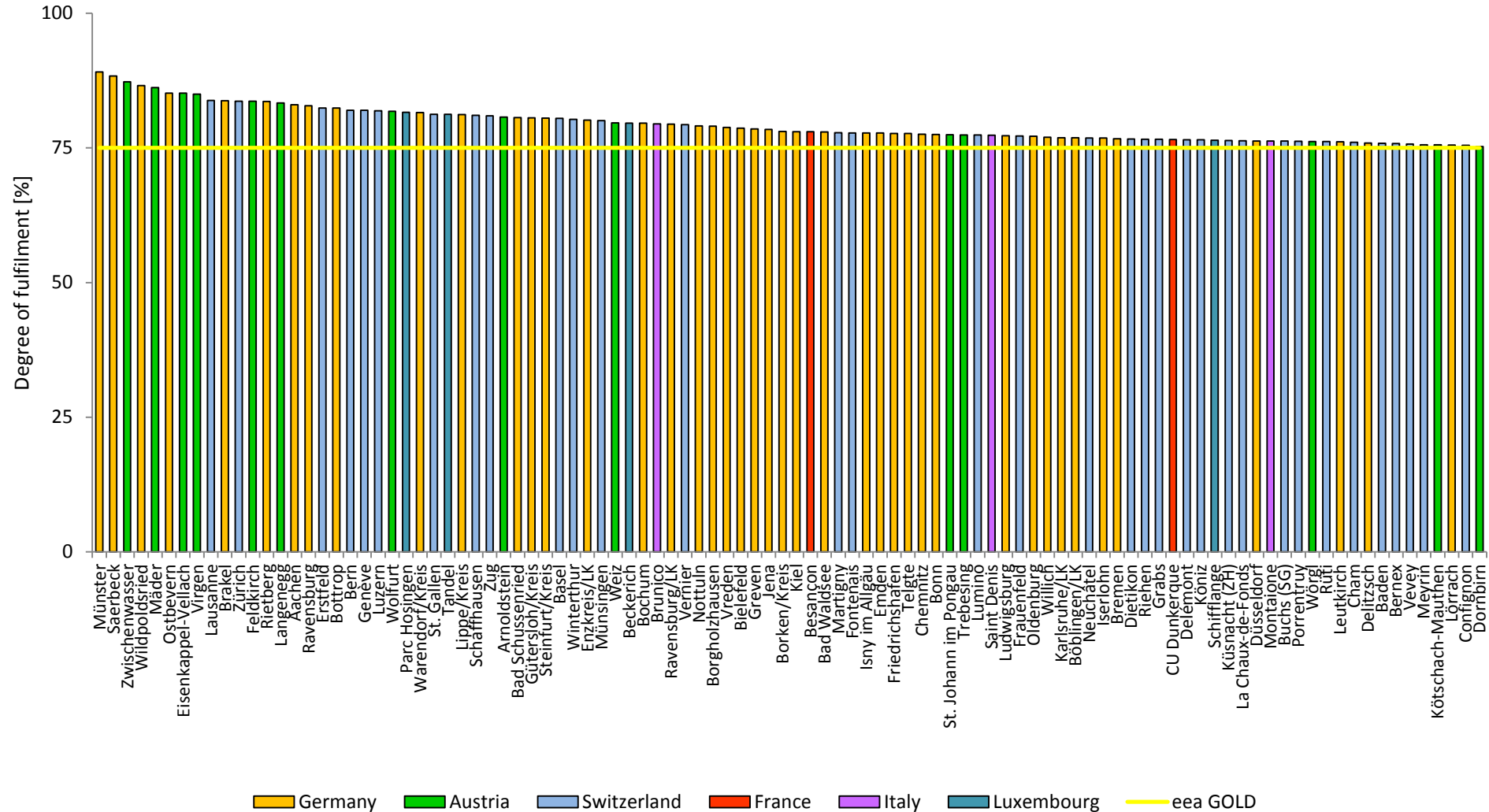
Country		No. of participating municipalities	Population involved
Ordinary members	Austria	194	1.9 m
	France	100	10.2 m
	Germany	320	23.0 m
	Italy	29	0.5 m
	Liechtenstein	11	0.04 m
	Luxembourg	96	0.6 m
	Monaco	1	0.04 m
	Switzerland	637	5.3 m
Pilot countries	Hungary	1	0.01 m
	Morocco	3	1.0 m
	Romania	4	0.8 m
	Ukraine	1	0.4 m
Total		1,397	43.8 m

Status Beginning of 2016



European Energy Award

Benchmark of Gold Municipalities



European Energy Award

Elements to a Smart City

Smart instruments/ICT tools

Smart actions



Action Plan

Smart procedure



**PDCA – Quality
Management Cycle**

Smart internal organization



**Interdepartmental
energy team**

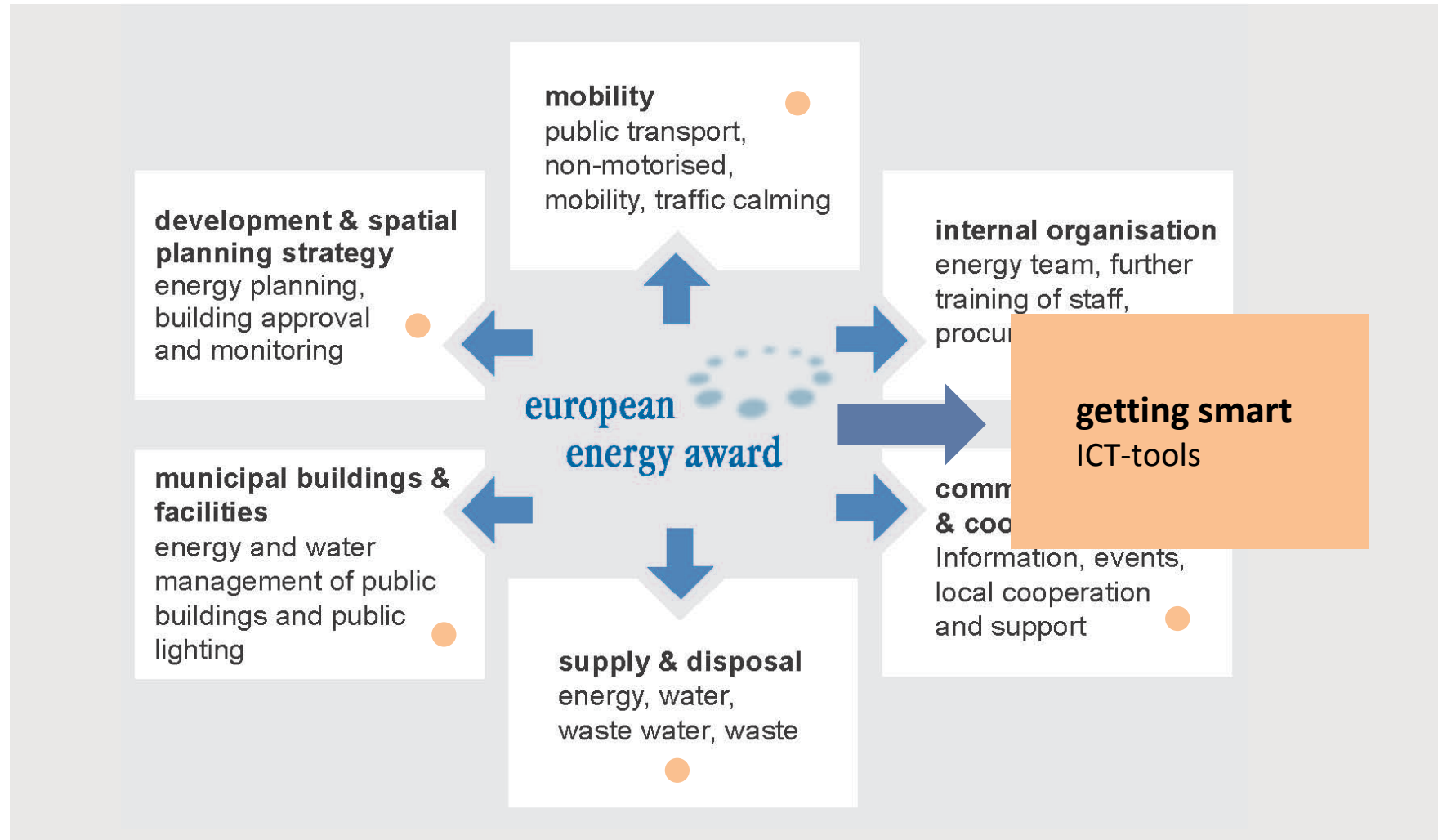
Smart politicians



Strong commitment

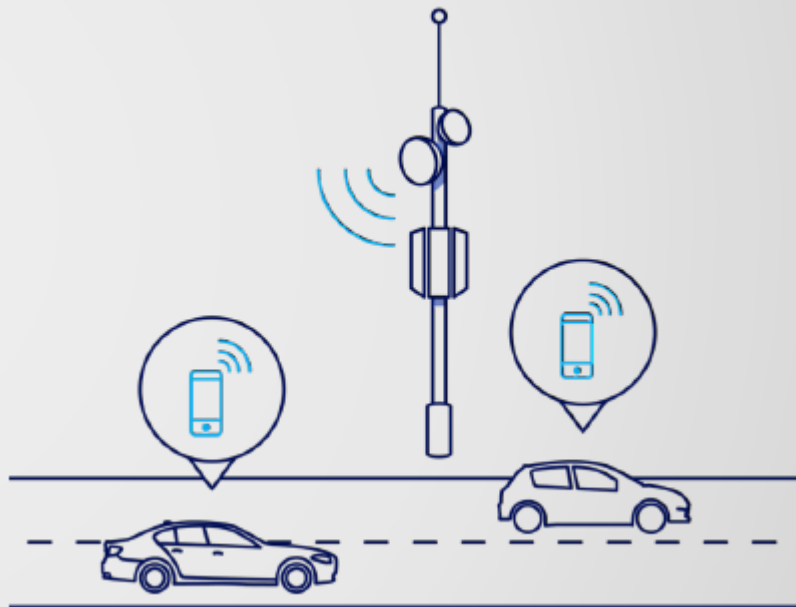
European Energy Award

6 Areas of Assessment and Activity



ICT for 'Spatial/Mobility Planning'

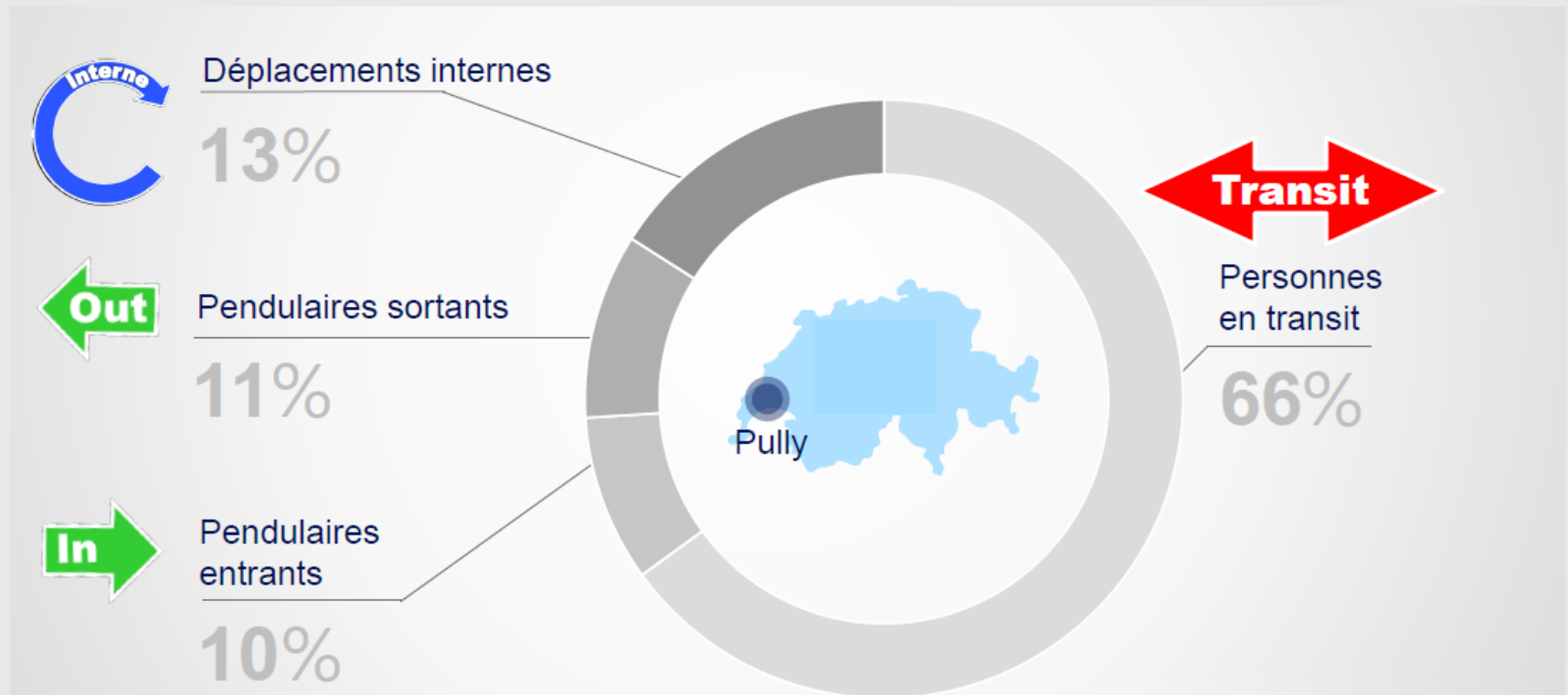
eea City of Pully / Swisscom



- Analysis of anonymized and aggregated mobile phone traces
- Preconditions: High penetration of smart phones, 60% market share for Swisscom, good 4G coverage

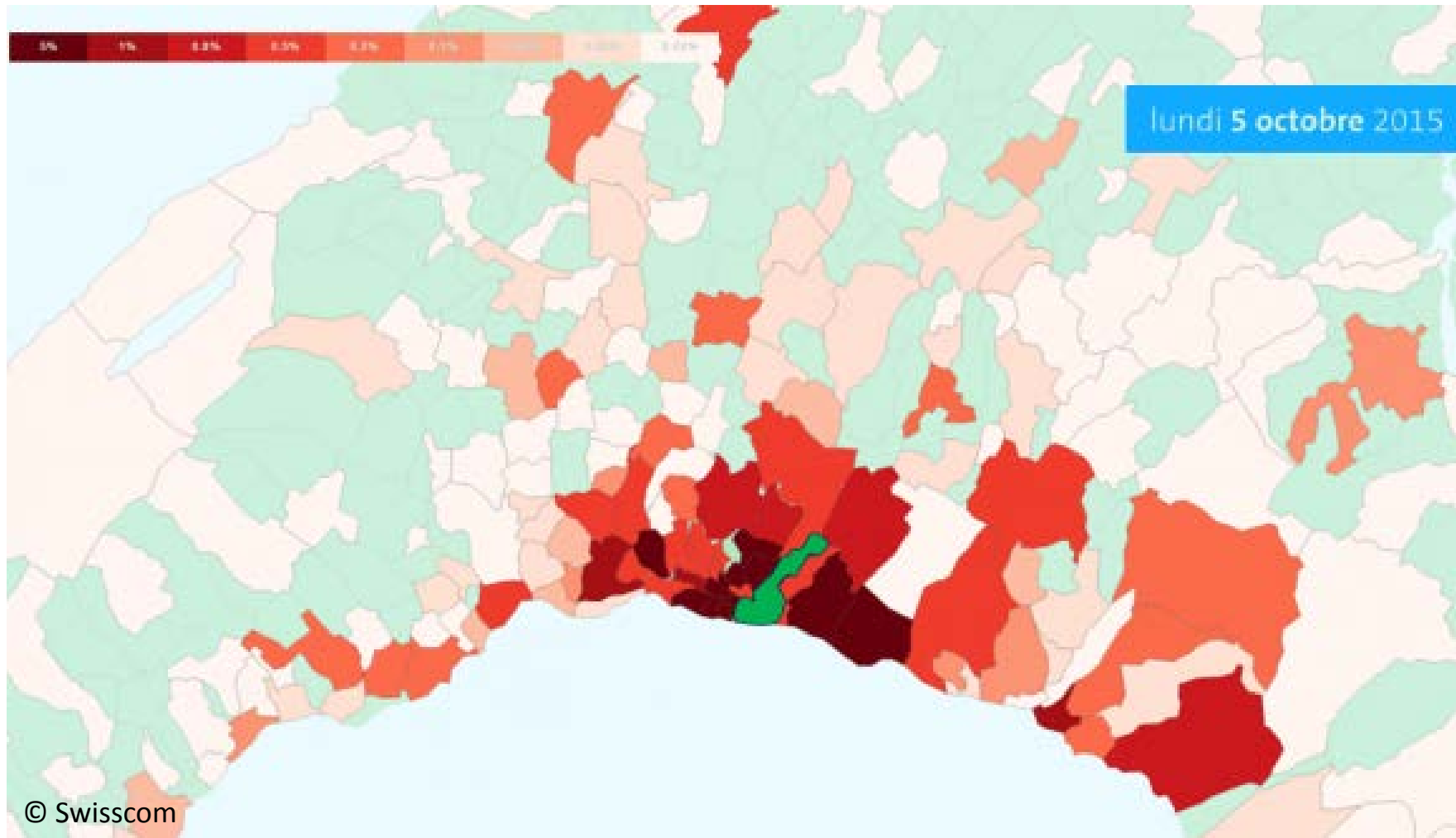
ICT for 'Spatial/Mobility Planning'

eea City of Pully/Swisscom



ICT for 'Spatial/Mobility Planning'

eea City of Pully/Swisscom



ICT for 'Mobility'

eea City of Lenzburg / Swisscom



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- Tourist attraction: Lenzburg castle
- Open space parking lots with sensors transmit via a low power network availability to a centralized parking guidance system on a website and smart phone app

ICT in 'Communication/Cooperation'

Smart citizens: e.g. smart thermostats



© tado

- Promotion of smart thermostats in all eea cities in Switzerland
- Citizens have to adopt new technologies!



european energy award

Thank you for your attention!

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