

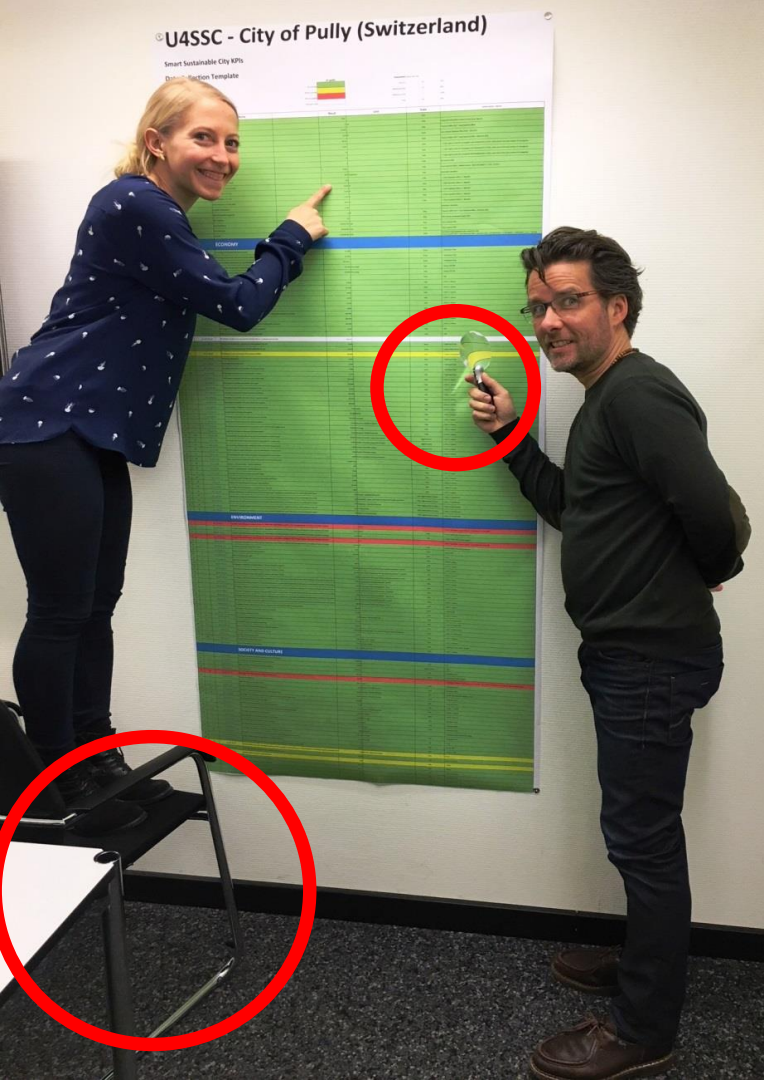


ITU - 4th meeting of the U4SSC initiative - 3<sup>rd</sup> of October 2019 - Valencia - Spain

# U4SSC Verification report of the city of Pully

Alexandre Bosshard - City of Pully - Switzerland

# Results of the application of the U4SSC initiative in Pully







**First challenge :**  
**Collecting KPI's target values**

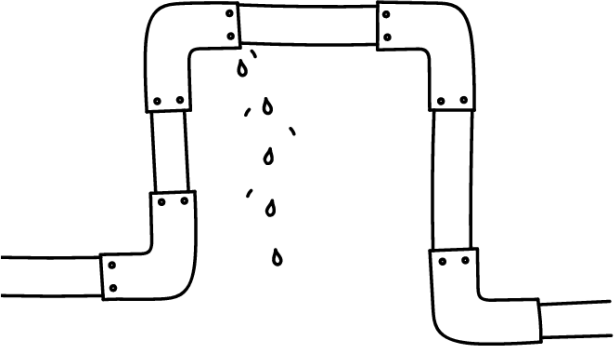


## Second challenge : Managing the different levels



# Third challenge :

## Results representation



### Water Supply Loss



**11%**

of the water distributed is lost (2016)

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⊙ ← 7% (PDDE)

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⊙ Measured locally

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## Water and sanitation

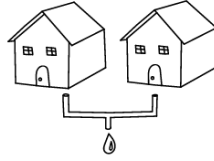


### NETWORKS

Each of the town's households has firstly, a supply of potable water and secondly, a connection to a water drainage system connected to a water treatment plant (STEP). Water loss from the potable water network (11%) is close to the target value (7%).

### Municipality actions

✓ Renovate the subterranean infrastructures in order to reduce leaks	Permanent
✓ Separate the sanitation network	Permanent
✓ Draw up a detailed potable water distribution plan (PDDE)	Achieved



### Basic Water Supply

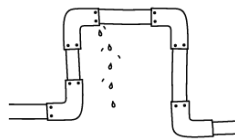


100 %

of the inhabitants have access to water (2016)

📊 100 % (L'Eaux)

📍 Measured locally



### Water Supply Loss



11 %

of the water distributed is lost (2016)

📊 7 % (L'Eaux)

📍 Measured locally



### Household Sanitation



100 %

of households have sanitation (2016)

📊 100 % (L'PEP)

📍 Measured locally



### Potable Water Supply



100 %

of the inhabitants have access to potable water (2016)

📊 100 % (L'Eaux)

📍 Measured locally



### Wastewater Collection



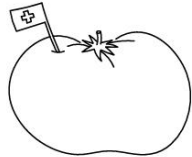
100 %

of the water used is collected and treated in a STEP (2016)

📊 100 % (L'Eaux)

📍 Measured locally





### Local Food Production



**63%**

of food is produced in Switzerland (2016)

← 70% (Motion 06.3880, Federal Assembly)

☒ Measured nationally

ENVIRONMENT

SOCIETY & CULTURE

ECONOMY

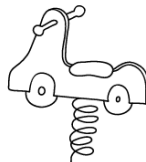
### Ecological and participatory vegetable garden



The Town of Pully has set aside some ground where the *Permaculture Pully* association can develop an ecological and participatory vegetable garden.



[www.permaculturepully.ch](http://www.permaculturepully.ch)



### Recreational Facilities

**1'184'822 m<sup>2</sup>**

per 18,000 inhabitants (at the Pully level)

≡ 6,582,346 m<sup>2</sup> per 100,000 inhabitants (U4SSC)

← Target value not available

☒ Measured locally



### Green Area Accessibility



**53.5%**

of the inhabitants living fewer than 300 m from a green area of at least 0.5 ha (2016)

← 100% (SDG 11.7, for 2020)

☒ Measured locally



### Protected Natural Areas



**58%**

of the surface de Pully is protected (including forests)(2016)

← 17% (Aichi Objectives for 2020)

☒ Measured locally



### Green Areas



**404 ha**

per 18,000 habitants (at the Pully level, 2016)

≡ 2'245 ha per 100,000 inhabitants (U4SSC Value)

← 90 ha per 100,000 inhabitants (Smart Cities Council)

☒ Measured locally

ENVIRONMENT

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*'We are ensuring that we develop an inclusive town by creating public and natural spaces that foster and encourage intergenerational activities.'*

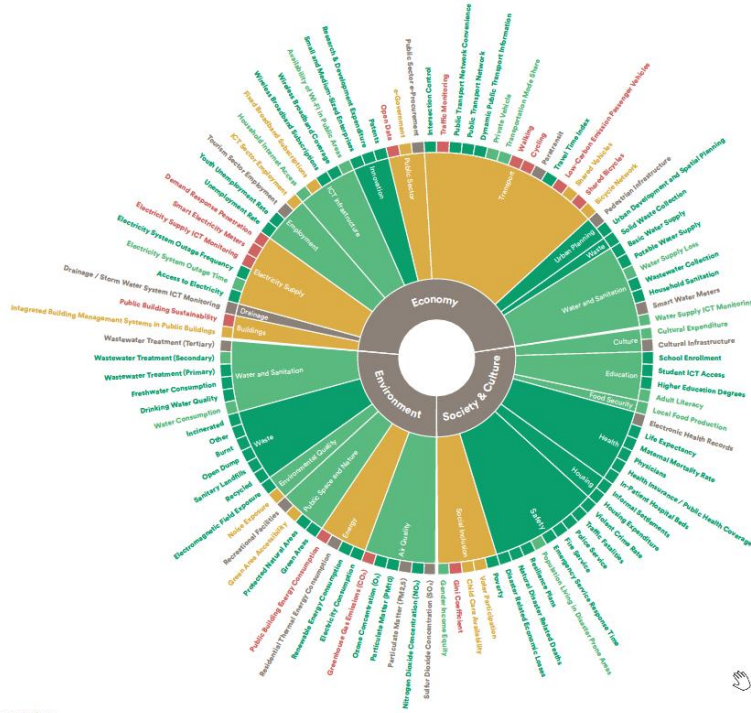
Nicolas Leuba

Town Councillor responsible for managing urban planning and the environment

# Info box and political orientation



Overall findings of the measures of the indicators



**Achieving the target values**

● 95 to 100 %
● 66 to 95 %
● 33 to 66 %
● Less than 33%
● Data target values not available

Measuring the level of digitalisation and sustainable development | PULLY UNDER THE MICROSCOPE

# 4th challenge: General representation of the results



# Strengths



- Global overview
- Limited number of indicators
- International norm : ITU-T Y.4903/L1603
- ICT used as a tool to contribute to reaching SDGs



- Opportunity for politicians to step back and observe the big picture
- To outline the middle and long terms trends
- Material for the future «Legislative program»
- Internal and external communication tool for the city
- Potential to exchange ideas and resources between cities

## Potential for improvement

- Difficulty to take into account local specificities  
-> Solution: to add specific and local Pully KPIs  
For example: the state of clean and waste water networks separation
- To add indicators linked to data protection, cybersecurity, citizen relationship with police, sport and economic situation

# Potential for improvement

- Measuring the global impact



## The next steps



- Regular update
- To add metadata for the followup ↗ → ↘
- To add local indicators outside of U4SSC methodology



- The Swiss Confederation provides their U4SSC indicators
- The Swiss Confederation provides target values



- To provide target values based on the SDGs
- To take into account the global impact of the city



## Pully under the microscope



Measuring the level of digitalisation  
and sustainable development  
against the International  
Telecommunication Union's ITU-T  
International Standards



# Report «Pully under the microscope»

Now available in english and french versions  
on the following websites :

- [smart.pully.ch](http://smart.pully.ch)
- [itu.int/en/ITU-T/ssc](http://itu.int/en/ITU-T/ssc)

Merci

σας ευχαριστώ

Gracias

با تشکر از شما

спасибо

شکرا

Thank you

謝謝

Danke

고맙습니다

хвала

dankon

धन्यवाद

תודה

mahadsanid

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