

THE TRUST SELF-ASSESSMENT TOOL

for sustainability of urban water cycle
services

David Schwesig (IWW, Germany)

Enrique Cabrera (ITA, Spain)

www.trust-i.net

trust

TRANSITIONS TO THE URBAN WATER SERVICES OF TOMORROW

Sustainable Future in 2040

We need to know: where are we in terms of sustainability?

strengths, weaknesses, opportunities, threats

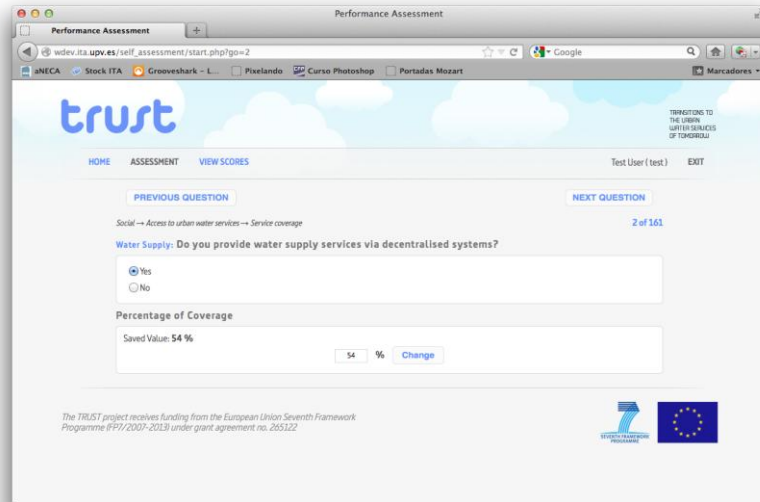
Starting point:

A simple tool so water service providers can self-assess if they are ready for the 2040 challenge



The Self-Assessment-Tool

- available online, free of charge
- Uses performance indicators + qualitative measures
- only data readily-available in utilities
- 3 level (traffic-light) self-assessment in < 3 h
- point to strengths and weaknesses
and suggest relevant TRUST products



Performance Assessment

wdev.ita.upv.es/self_assessment/start.php?go=2

HOME ASSESSMENT VIEW SCORES

Test User (test) EXIT

PREVIOUS QUESTION NEXT QUESTION

2 of 161

Social → Access to urban water services → Service coverage

Water Supply: Do you provide water supply services via decentralised systems?


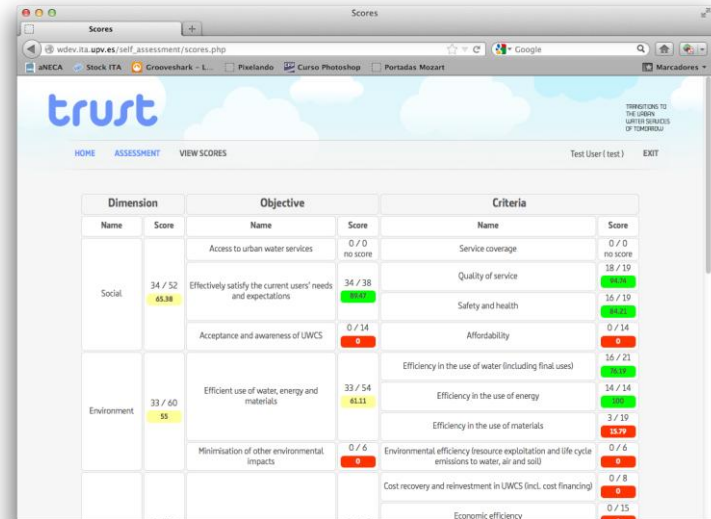
Yes
 No

Percentage of Coverage

Saved Value: 54 %

54 % Change

The TRUST project receives funding from the European Union Seventh Framework Programme FP7/2007-2013 under grant agreement no. 265122

Scores

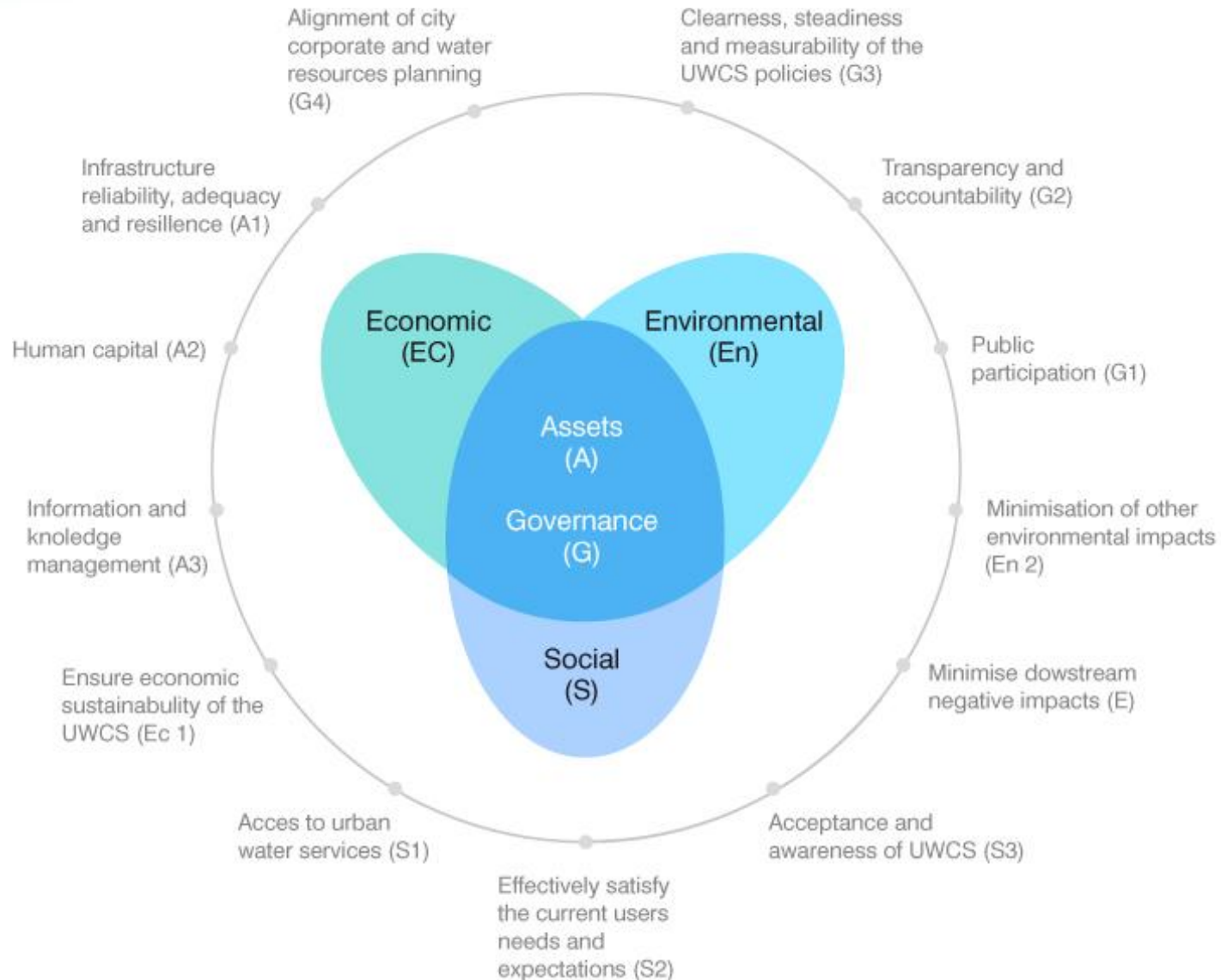
wdev.ita.upv.es/self_assessment/scores.php

HOME ASSESSMENT VIEW SCORES

Test User (test) EXIT

Dimension	Objective		Criteria	
	Name	Score	Name	Score
Social	Access to urban water services	0 / 0 no score	Service coverage	0 / 0 no score
	Effectively satisfy the current users' needs and expectations	34 / 38 90%	Quality of service	18 / 19 95%
	Acceptance and awareness of UWCS	0 / 14 0%	Safety and health	16 / 19 84%
			Affordability	0 / 14 0%
Environment	Efficient use of water, energy and materials	33 / 54 61%	Efficiency in the use of water (including final uses)	16 / 21 76%
			Efficiency in the use of energy	14 / 14 100%
	Minimisation of other environmental impacts	0 / 6 0%	Efficiency in the use of materials	3 / 19 16%
			Environmental efficiency (resource exploitation and life cycle emissions to water, air and soil)	0 / 6 0%
		Cost recovery and reinvestment in UWCS (incl. cost financing)	0 / 8 0%	
		Economic efficiency	0 / 15 0%	

A common TRUST framework for Sustainability of UWCS



- Water utility managers can make a quick self-assessment based mostly on easy to answer questions
- The tool provides also answers, pointing towards the key products from TRUST e.g.
 - Further analysis tools
 - Roadmap tool and guideline
 - New technology options
 - Decision support tools
 - IAM software
 - Training courses, best-practice manuals
- Tool will be available for the public on Jan 2013
- A fully operational version already exists and is being tested within the project

<http://self-assessment.trust-i.net>

trust

The European Commission is acknowledged for funding TRUST in the 7th Framework Programme under Grant Agreement No. 265122



The logo for 'trust' is displayed in a lowercase, rounded, sans-serif font. The letters are a light blue color and are contained within a white rectangular box with rounded corners. The background of the entire slide is a vibrant blue with a pattern of overlapping, semi-transparent circles in various shades of blue and teal, creating a dynamic, water-like effect.

trust

TRANSITIONS TO THE URBAN WATER SERVICES OF TOMORROW

www.trust-i.net