Great Torrington Water Forum

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The work presented in this paper was funded by the ongoing EC H2020 Fiware4Water (GA 821036) project
Great Torrington & FIWARE4Water

In Great Torrington Fiware4Water aims to implement innovative approaches that empower customers towards water efficiency by using smart meters.

- **Demo Case #1** • Greece
  Athens • Water supply system real time operational management

- **Demo Case #2** • France
  Cannes • Improving the water supply system

- **Demo Case #3** • Netherlands
  Amsterdam • Intelligent control for wastewater treatment

- **Demo Case #4** • United Kingdom
  Great Torrington • Smart meters and customers

 Demo Case #1 Led by EYDAP
 Demo Case #2 Led by Suez Smart Solutions
 Demo Case #3 Led by Watermet
 Demo Case #4 Led by South West Water
Why is this important?

Speech

Escaping the jaws of death: ensuring enough water in 2050

Speech by Sir James Bevan, Chief Executive of the Environment Agency Waterwise Conference, 19 March 2019

Published 19 March 2019
From: Environment Agency and Sir James Bevan

'Great British Rain Paradox’: Public unaware of UK's water scarcity

19 June 2020, source edie newsroom

The risks of climate change and population growth on water scarcity in the UK remain hidden, with a new survey of 2,000 Brits revealing that water consumption is low down on the priority agenda for environmental concerns.
SWW’s work in Great Torrington

- 100 x Smart water meters installed in Great Torrington
- Plan to create a customer app to offer customers a choice around their bills as well as helping us to find and repair leaks.
“It is not enough to have technologies & systems in place: people have to use them”

Green Alliance (2018)
The CSCCE Community Participation Model – A framework for member engagement and information flow in STEM communities. Woodley and Pratt
doi:10.5281/zenodo.3997802
GET INVOLVED WITH GREAT TORRINGTON'S LOCAL WATER FORUM

ONE PLANET, ONE FUTURE

Be a part of a group that will turn sustainability ideas into reality

Starting Thursday 21st Jan 7 pm
Register here: shorturl.at/noOS1
Step 1: Idea submission

**LOCAL & GLOBAL WATER ISSUES**

- Agricultural issues
- **Wastewater**
  - Retrofitting a grey water system
- The dairy industry
- **Water footprint**
  - Under investment of the water infrastructure
- River Pollution

**SOLUTIONS?**

- Education
- Competitions
- Tap into academic research on how to change behaviour
- Involve children and young people

**ART**

- Digital presence

**Water Day**

Create a list of quick fixes and advertise in the local newspaper
Step 2: Idea refinement & discussions

Follow up meeting to refine ideas and to meet with South West Water representatives, who gave an overview of the smart water meters being fitted in Great Torrington
Step 3: Water awareness campaign
Step 4: App co-creation

Two workshops in autumn to co-develop the app with Great Torrington with the community planning on testing the app in early 2022
How does it work?

- The community leads the forum
- Provide support to connect researchers, the council & local community groups
- Through the WWQA citizens involved will be put in contact with citizens from around the globe who are undertaking the same work

Guide can be found here: www.fiware4water.eu
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