Collaboration in a 21st Century water sector

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Boundaries or barriers?
19 May 1997 – the Water Summit

WATER SUMMIT - 19 MAY

KEYNOTE ADDRESS BY THE DEPUTY PRIME MINISTER

First of all I’d like to welcome you all here to this Water Summit.

Let me begin with a few general points.

First, I am not here to make the usual comments about fatcat salaries, public outrage about service or bad public relations. We are here to achieve positive results from all concerned - water companies, regulators, government, environmentalists and customers.

And of course, the word “customers” means all of us, because water is the very stuff of life.

Neither is this a crisis reaction. The issue calls for more integrated long term management which involves the regulation, industry and customers and the weather itself.

I hope that in future, the water industry will seek new abstraction rights only when it has fully explored all the opportunities offered by leakage reduction and water efficiency measures. But in view of the long time that is likely to be involved in bringing major new resource schemes into use, it is important that, where a clear need exists, the industry starts planning them in good time.
Actual (1992-2015) and forecast (to 2040) leakage reductions
An international perspective on leakage

### Water - is your city losing it?

**Share of water loss in selected cities, 2012**

<table>
<thead>
<tr>
<th>City</th>
<th>Water Loss (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico City, Mexico</td>
<td>44%</td>
</tr>
<tr>
<td>Naples, Italy</td>
<td>37%</td>
</tr>
<tr>
<td>Glasgow, UK</td>
<td>37%</td>
</tr>
<tr>
<td>Montreal, Canada</td>
<td>33%</td>
</tr>
<tr>
<td>Rome, Italy</td>
<td>26%</td>
</tr>
<tr>
<td>Edinburgh, UK</td>
<td>24%</td>
</tr>
<tr>
<td>Athens, Greece</td>
<td>23%</td>
</tr>
<tr>
<td>Liverpool, UK</td>
<td>22%</td>
</tr>
<tr>
<td>Prague, Czech Republic</td>
<td>21%</td>
</tr>
<tr>
<td>Calgary, Canada</td>
<td>20%</td>
</tr>
<tr>
<td>Turin, Italy</td>
<td>20%</td>
</tr>
<tr>
<td>Stockholm, Sweden</td>
<td>19%</td>
</tr>
<tr>
<td>Hong Kong, China</td>
<td>18%</td>
</tr>
<tr>
<td>Marseille, France</td>
<td>16%</td>
</tr>
<tr>
<td>Nantes, France</td>
<td>16%</td>
</tr>
<tr>
<td>Acapulco, Mexico</td>
<td>14%</td>
</tr>
<tr>
<td>Krakow, Poland</td>
<td>14%</td>
</tr>
<tr>
<td>Suzhou, China</td>
<td>10%</td>
</tr>
<tr>
<td>Lisbon, Portugal</td>
<td>9%</td>
</tr>
<tr>
<td>Phoenix, USA</td>
<td>8%</td>
</tr>
<tr>
<td>Paris, France</td>
<td>8%</td>
</tr>
<tr>
<td>New York City, USA</td>
<td>7%</td>
</tr>
<tr>
<td>Copenhagen, Denmark</td>
<td>7%</td>
</tr>
<tr>
<td>Cologne, Germany</td>
<td>7%</td>
</tr>
<tr>
<td>Amsterdam, Netherlands</td>
<td>4%</td>
</tr>
</tbody>
</table>

We are challenging water companies to fix more leaks. In fact, we think they could save almost 170 billion litres of water a year. That’s enough to meet the needs of more than 3.1 million people. Or put another way:

- 68,000 Olympic swimming pools
- 2.1 billion baths
- 1.1 trillion cups of tea
- 2.8 trillion rocket lollies

Ofwat’s view of leakage – big numbers
Household water consumption

- Household Consumption (PCC)
- Total Water Consumption (Mld)
- Population (millions)
The art of forecasting demand

Estimated use of microcomponents

- **Outlying 10%**
  - **WC**
    - Best guess: 6.5-12.2 litres per use
  - **Bath**
    - Best guess: 33.8-118.7 litres per use
  - **Shower**
    - Best guess: 13.3-42 litres per use

80% of all devices

Source: Utility Week; WRc
UK demand forecasts through time

What customers care about – and can do something about

Sources: Surfers Against Sewage/WWF
And what they like to talk about – and can do something about
The state of European rivers

Proportion of classified river and lake water bodies in different River Basin Districts (RBD) holding less than good ecological status or potential

- < 10%
- 10–30%
- 30–50%
- 50–70%
- 70–90%
- ≥ 90%

- EEA member countries not reporting under Water Framework Directive
- No data
- Outside coverage
Challenging partnerships
Catchment management
Catchment Based Approach – it’s all about collaboration
Catchment collaboration in Brazil
Water company potential collaboration
Urban collaboration
Customers as active participants
Institute of Water

Connecting people in the UK water sector since 1945

• The only professional body that exclusively supports the UK water sector
• Created and run by people who work in the sector
• Share best practice, provide information and support, and help to improve skills
• Membership denotes a commitment to professionalism – and collaboration