The Sustainable Development Goals (SDGs)
A global commitment to address emerging pollutants to improve water quality

**SDG 6 – Water**
Target 6.3
... improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials...

**SDG 12 – Production & Consumption**

**SDG 3 - Health**
Target 3.3 ... combat water-borne diseases...
Target 3.9 ... reduce deaths and illnesses from hazardous chemicals, air, water and soil pollution
International Initiative on Water Quality IIWQ

UNESCO Project on Emerging Pollutants
UNESCO Project on Emerging Pollutants

A flagship project under the International Initiative on Water Quality (IIWQ) of UNESCO
Funded by Sweden

**Component 1**
- Case-study series
- Technical and policy guidelines

**Component 2**
- Scientific meetings and workshops
- Network of experts and institutions

**Component 3**
- Regional training workshops
- Raising awareness materials

**Strengthening knowledge generation, scientific research and policy (2015-2016)**

**Promoting scientific exchange and collaboration (2015-2018)**

**Capacity building and awareness raising (2016-2018)**
UNESCO International Initiative on Water Quality (IIWQ)
Case studies on Emerging Pollutants in Water and Wastewater

16 case studies covering all regions and 20 countries
• 3 global
• 3 regional
• 10 national

UNESCO IIWQ flagship project Emerging Pollutants in Wastewater Reuse in Developing Countries
Funded by Sweden
UNESCO *Emerging Pollutants in Water* Series

1. **Pharmaceuticals in the Water and Marine Environment of the Baltic Sea**
   - A status report

2. **Microplastics in Wastewater**
   - An emerging issue

3. **Contaminants of Emerging Concern in Wastewater Reuse**
   - Oued Souhil area, Nabeul, Tunisia

and others

International Initiative on Water Quality (IIWQ)

Water quality is intrinsically linked with human health, poverty reduction, gender equality, food security, livelihoods and the preservation of ecosystems as well as economic growth and social development of our societies. Water quality problems represent a major challenge in both developing and developed countries. Technical, institutional, policy and financial initiatives to improve access to clean water and sanitation are needed. UNESCO has a long record of supporting scientific collaboration to aid knowledge generation and the sharing of best practices among researchers, governments and civil society. Developing sound policies and strategies to improve water quality are critical.

UNESCO-HP IIWQ supports resources in making progress scientific and policy-relevant research and public–private partnerships to improve access to clean water and sanitation. UNESCO-HP IIWQ supports research on emerging pollutants and supports implementation of guidelines to prevent the use of emerging pollutants.

Emerging Pollutants in Water and Wastewater

New and emerging pollutants pose a new global water quality challenge with potentially serious threats to human health and ecosystems. Good-quality water is essential to sustain human well-being, livelihoods and healthy environments for the post-2015 sustainable development.

The project, implemented under UNESCO-HP International Initiative on Water Quality (IIWQ), aims to contribute to the project goal to support UNESCO Member States in developing science, technology and 2014-2017

International Initiative on Water Quality

UNESCO Project
Emerging Pollutants in Wastewater Reuse in Developing Countries

Implemented under
UNESCO-HP International Initiative on Water Quality (IIWQ)

Supported by the Swedish International Development Cooperation Agency (Sida)
International Initiative on Water Quality

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