



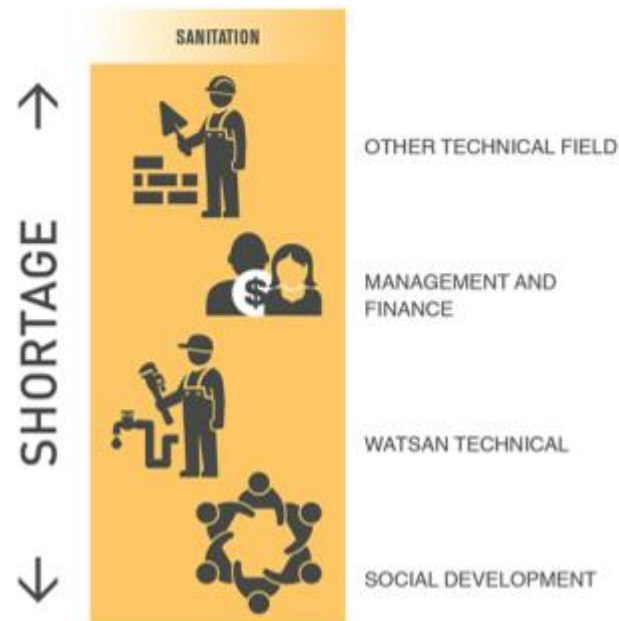
Reaching Millions: Current Capacity Shortage in the sanitation sector

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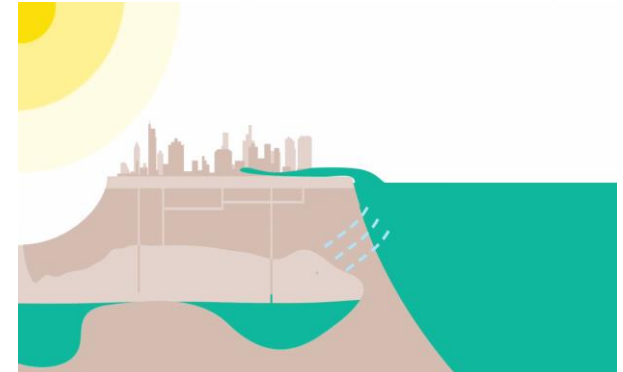
SANITATION HR CAPACITY SHORTAGE & GAP IN DEVELOPING ECONOMIES

700.000*



* Estimated based on the average 10 second pilot phase countries

CAUSING THE SHORTAGES AND GAPS



SHORTAGES IN PERSPECTIVE OF SDGS

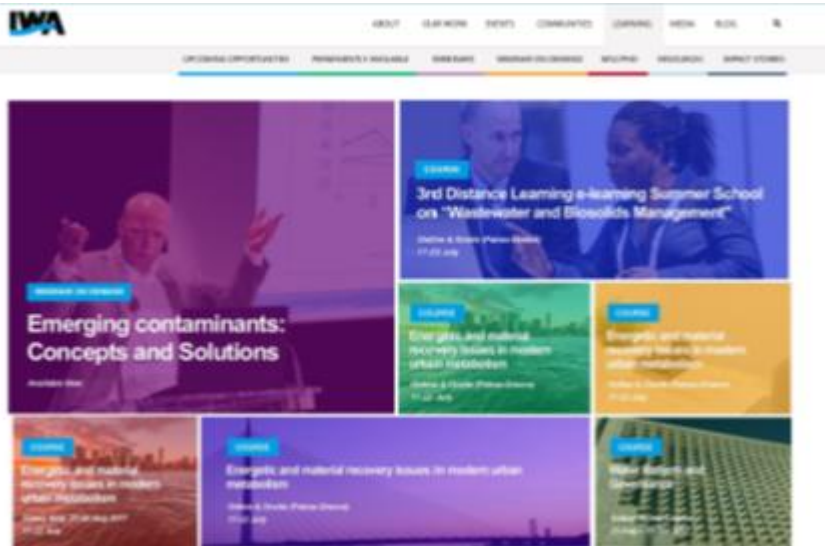
- **6.2** By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
- **6.3** By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally
- **6.b** By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
- **6.a** Support and strengthen the participation of local communities in improving water and sanitation management

OVERCOMING SHORTAGES AND GAPS

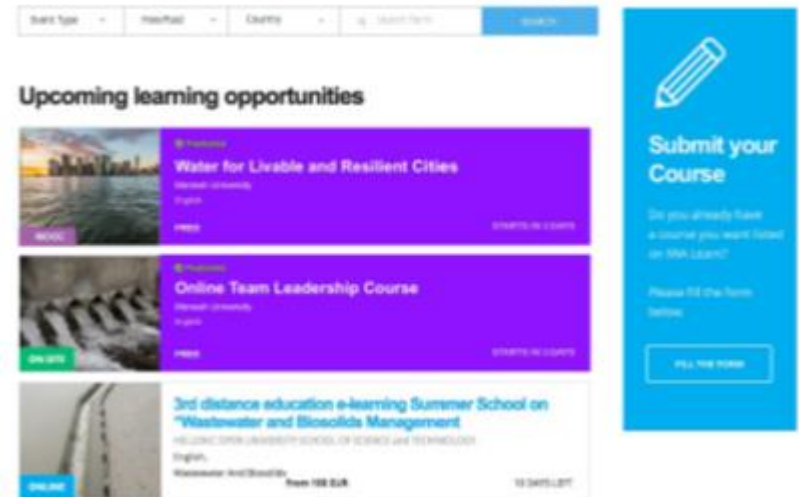
- Create the evidence to underpin Human resource investments
- Develop national level human resource strategies
- Innovate our education and learning systems and practices



INTERNATIONAL LEARNING HUB



The screenshot shows the IWA Learning Hub homepage. At the top, there is a navigation bar with the IWA logo and menu items: ABOUT, LEARNING, NEWS, CONTACTS, COURSES, NEWS, BLOG, and a search icon. Below the navigation bar, there are several tabs: UPCOMING OPPORTUNITIES (highlighted in green), PERMANENTLY AVAILABLE, DATABASE, WASTEWATER POLLUTION, WULFPA, WASTEWATER, and EMERIT COURSES. The main content area features a grid of course cards. The largest card on the left is titled "Emerging contaminants: Concepts and Solutions" with a photo of a man speaking. Other cards include "3rd Distance Learning e-learning Summer School on 'Wastewater and Biosolids Management'", "Energy and material recovery issues in modern urban metabolism", and "Energy and material recovery issues in modern urban metabolism".



The screenshot shows the "Upcoming learning opportunities" section of the IWA Learning Hub. At the top, there is a search bar with filters for "Date type", "Institution", and "Country", and a "SEARCH" button. Below the search bar, the section is titled "Upcoming learning opportunities". There are three course cards displayed: "Water for Livable and Resilient Cities" (Water Institute, 7 days, 10000 USD), "Online Team Leadership Course" (Water Institute, 7 days, 10000 USD), and "3rd distance education e-learning Summer School on 'Wastewater and Biosolids Management'" (Wastewater and Biosolids, 10 days, 10000 USD). To the right of the course cards is a blue sidebar with a pencil icon and the text "Submit your Course". Below this text, it asks "Do you already have a course you want to list on the Learn?!" and "Please fill the form below." with a "FILL THE FORM" button.

www.iwa-network.org/iwa-learn

<https://iwa-connect.org/#/group/iwa-learn/>