



ROYAL DANISH EMBASSY
New Delhi



Ministry of Environment
of Denmark
Environmental
Protection Agency

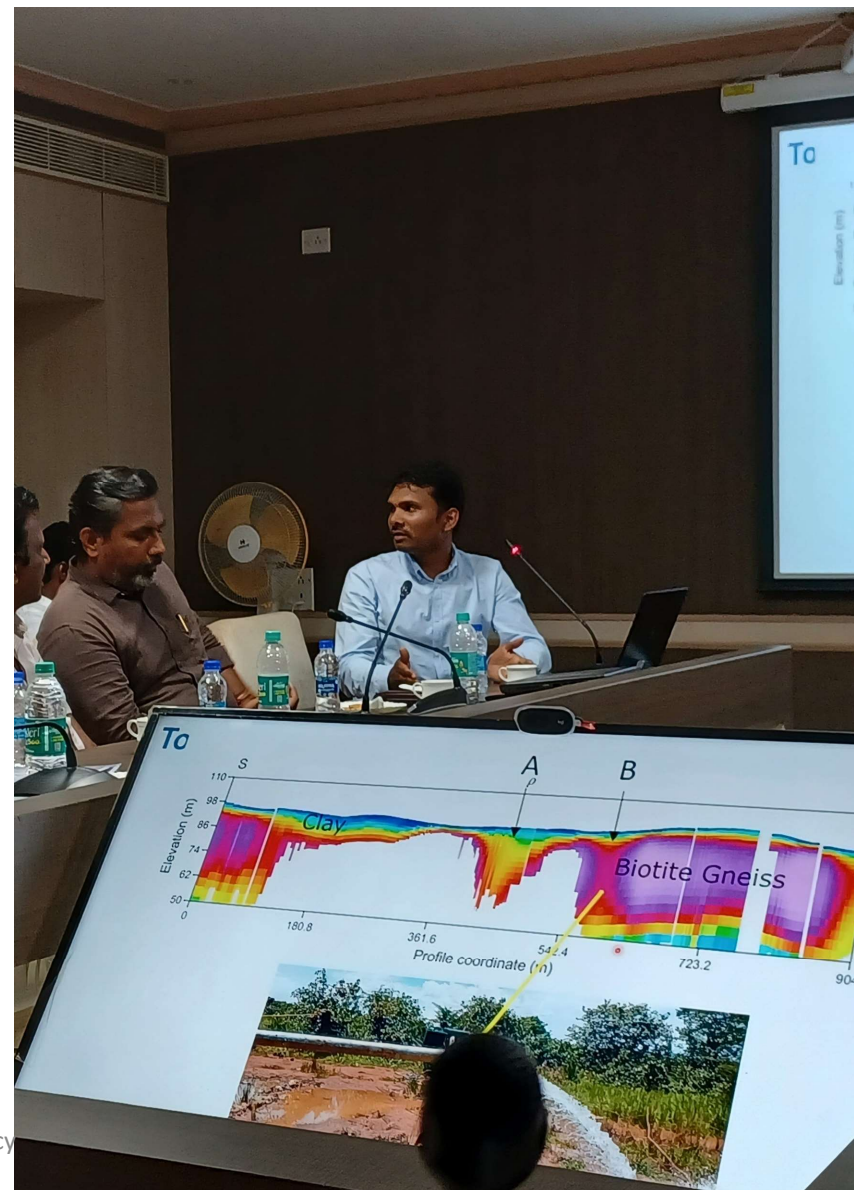
Key learnings from the Indo-Danish partnership on water with the focus on collaboration with the Jal Jeevan Mission

Project Director **Dr. Philip Grinder Pedersen**

Danish Environmental Protection Agency
Ministry of Environment



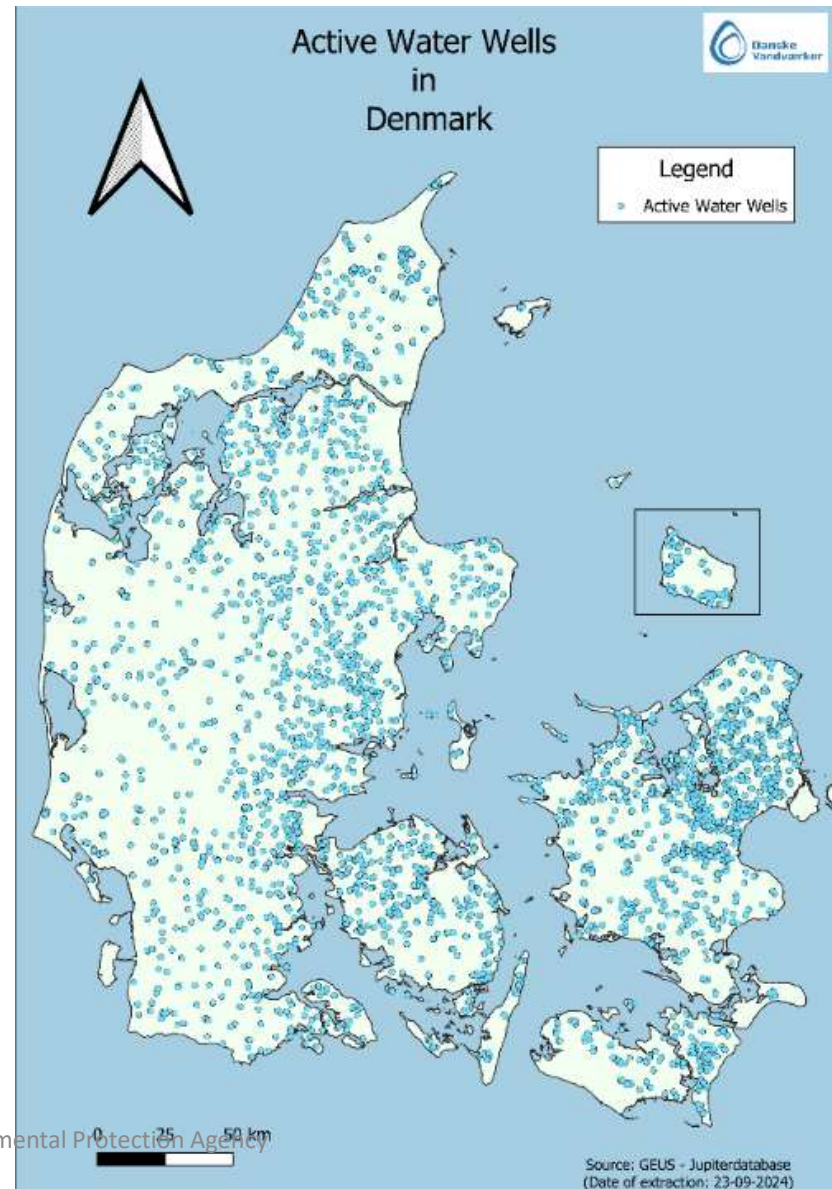
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In Denmark
drinking water
is 100%
groundwater
(no surface,
desal etc.)

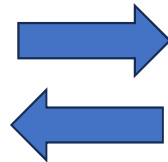


- ❖ Decentralised abstraction structure (>2000 individual utilities)
- ❖ Simple treatment is preferred (aeration, sand filtration), but not always possible
- ❖ <10% non revenue water (penalty incentives, water meters, innovation)
- ❖ Full cost recovery (everybody pays for their water use)
- ❖ Ring-fenced economy (utilities financially independent)





Regulation and technology – hand in hand



Source: Web pages from Grundfos, AVK, SkyTEM, TEMcompany



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The Indo-Danish Cooperation at a glance (I)

Objective: To support the Jal Jeevan Mission of Functional Household Tap Connections (FHTC) in all rural areas

Three pillars:

- Capacity building
- Bilateral relations
- Opening doors for private sector

Formulation phase + 3x3 year
phases = 10 years

Phase I 2021-2025 completed
Phase II 2025-2028



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The Indo-Danish Cooperation at a glance (II)

National level partners:

- ❖ NJJM
- ❖ CGWB

State level partners:

- ❖ Tamil Nadu:
 - ❖ Water Resources Department
 - ❖ TN Water Supply and Drainage Board
- ❖ Assam:
 - ❖ PHED Assam



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Improved water supply efficiency

Key learnings:

Micro- and macro-utility governance

Benchmarking

Pump efficiency

Re-use of existing O&M data

Leakage detection



Source sustainability

Key learnings:

Groundwater mapping methods
- especially geophysics

NAQUIM2.0

Databases

Groundwater Quality



Thank you for
your attention!



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