

International Workshop Environmental Flows Assessment and Implementation for India

Exchanging Indian, European
and International Experiences

21-22 October 2019
New Delhi, India

Scope and Aim of the Workshop

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The Importance of E-Flows assessment and implementation

- Rivers and their **ecosystems are under immense pressures** due to diversion and abstraction of waters for human uses.
- **Ecosystem services and water uses are also impacted.**
- **Ensuring sufficient environmental flows** in our rivers has become a key task to be tackled – globally and in India



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Scope of the international E-Flows Workshop

- Bring together **Indian, European and international experts** to exchange knowledge/findings
 - Government/water experts and managers/research/NGOs
- **Rich variety** of topics and expert speakers from various backgrounds in 7 sessions
- **Promote challenges & solutions** regarding e-flows assessment/implementation
 - Understand **aspects that work and don't work**
 - **Lessons learnt from Europe and other countries**
- Combination of engaging presentations and **interactive discussion sessions**



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Scope of the international E-Flows Workshop

7 Sessions:

- 1: Inaugural Session
- 2: Setting the Scene: **Legal and Institutional** Context of E-Flows
- 3: **Linking Hydrology with Ecology and Socio-economics** for Integrated E-Flows Assessment
- 4: Moderated Panel Discussion
- 5: E-Flow Assessment: Tools to Determine **How Much Water a River Needs**
- 6: Breakout sessions:
Blending European, International and Indian Expertise for E-Flows Assessment in India
- 7: **Remaining Challenges and Way Forward**



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Aims of the international E-Flows Workshop

Assist in the e-flows implementation in India and answer the following:

- What are the **overall aims and targets** for e-flows assessment in India?
- What are the **short- / long-term steps** to implement e-flows according to aims & targets?
- What **methodologies** can be applied?
 - Blending of EU/ international with Indian approaches
- What **policies** are needed?
- What **mechanism and institutional set-ups** are needed?

What strategies need to be applied to achieve the above?



Draft Guidance Document on E-Flows in India

Draft Guidance Document
Environmental Flows Assessment in India:
Blending Indian and EU Approaches
Including Lessons-Learnt
from Indian Pilot River Basins and the European Union

Prepared under the
India-EU Water Partnership's Priority Area 2

In co-operation with



भारतीय पर्यावरण संस्थान
Woods Institute of India

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Zusammenarbeit (GIZ) GmbH

- Draft version under IEWP Priority Area 2
- Developed over last 1,5 years
- With key stakeholders
- Overview on EU with Indian approaches
- Methodology for E-Flows assessment in India
- **Finalisation after this workshop** integrating findings



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Results of the international E-Flows Workshop

The outcomes and results of this workshop will

- **identify a way forward to catalyze joint E-Flows implementation in India**
- **feed into future strategies, policies and approaches**
- **feed into an update and the final version of the IEWP guidance document**
 - publicly available in early 2020
- be summarized in proceedings

