

Need for Capacity Building for BREF Implementation in Gujarat and India

Chirag Bhimani

Gujarat, India

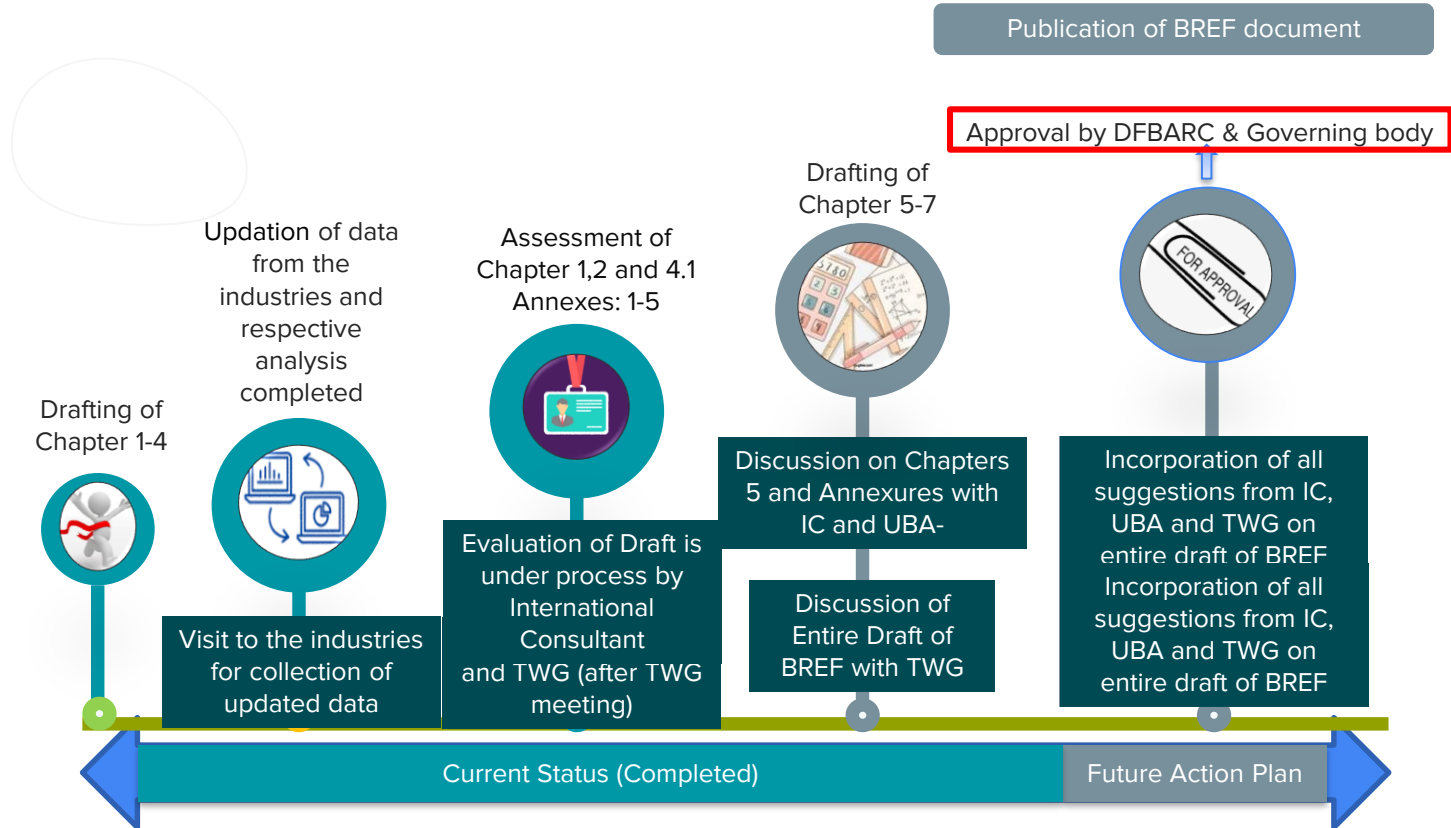
10th Nov. 2023

**Meeting of the OECD Expert Group
on Best Available Techniques
Seville, Spain**

Agenda

- ✓ Background
- ✓ Stakeholders
- ✓ Need / Requirements for Capacity Building

Current Status of Gujarat BREF

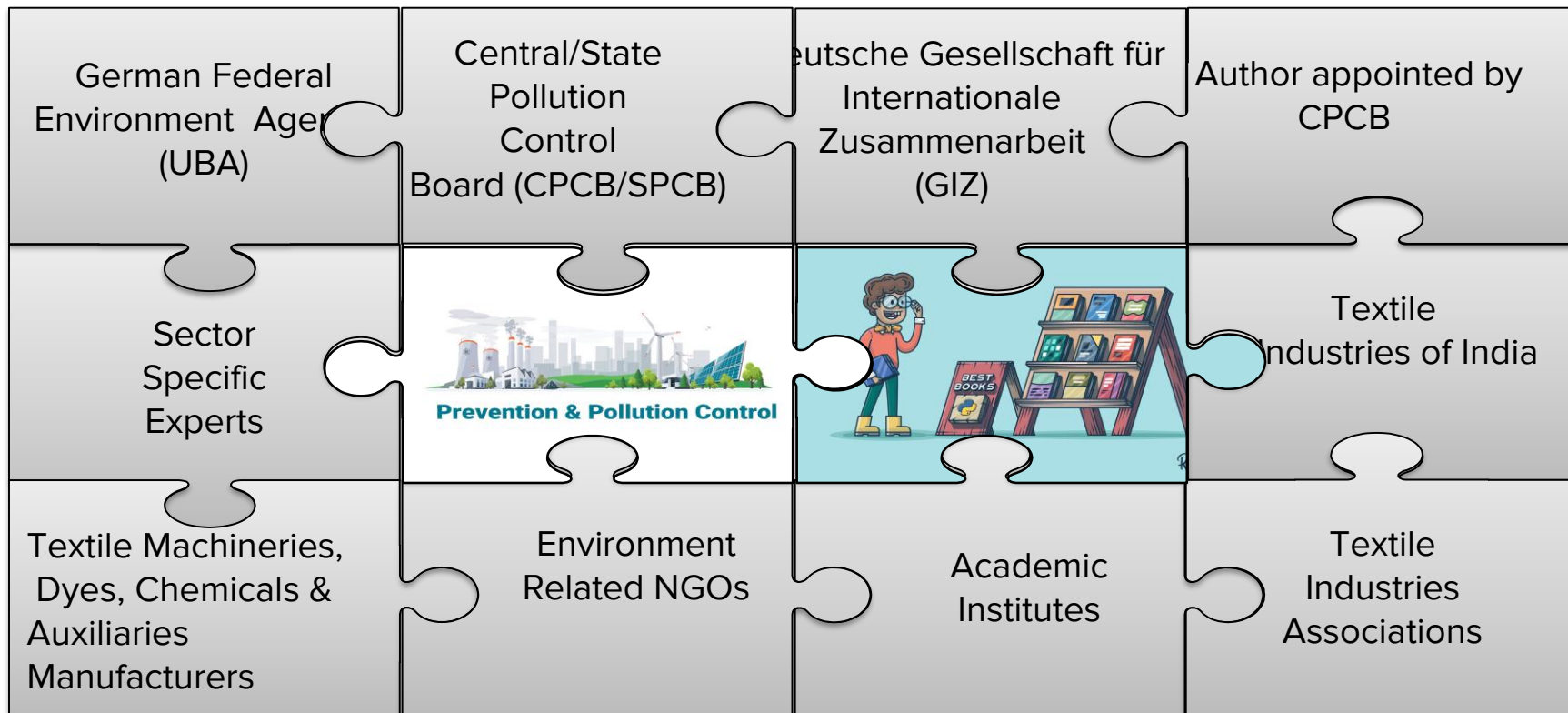


Background

Present Scenario

- Gujarat (State of India) is on the verge of publishing the first ever BREF document of India
- Currently the Gujarat BREF will serve as a guiding document and as a benchmark for industries seeking to implement industry best practices
- Not yet mandatory / obligatory for installations because new law / amendment in law needed

About Gujarat BREF – Organisations Involved



About TWG

Members

Core Team

- German Environment Agency (UBA)
- Gujarat Pollution Control Board (GPCB)
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Gujarat Cleaner Production Centre (GCPC) - Author

About TWG

Members

Other Stakeholders

- Textile Industries of Gujarat
- Textile Industries Associations
- Sector specific experts
- Environment related Non – Government Organizations
- Textile machinery, Dyes, Chemical & Auxiliary Manufacturer etc.

Why Capacity Building Required?

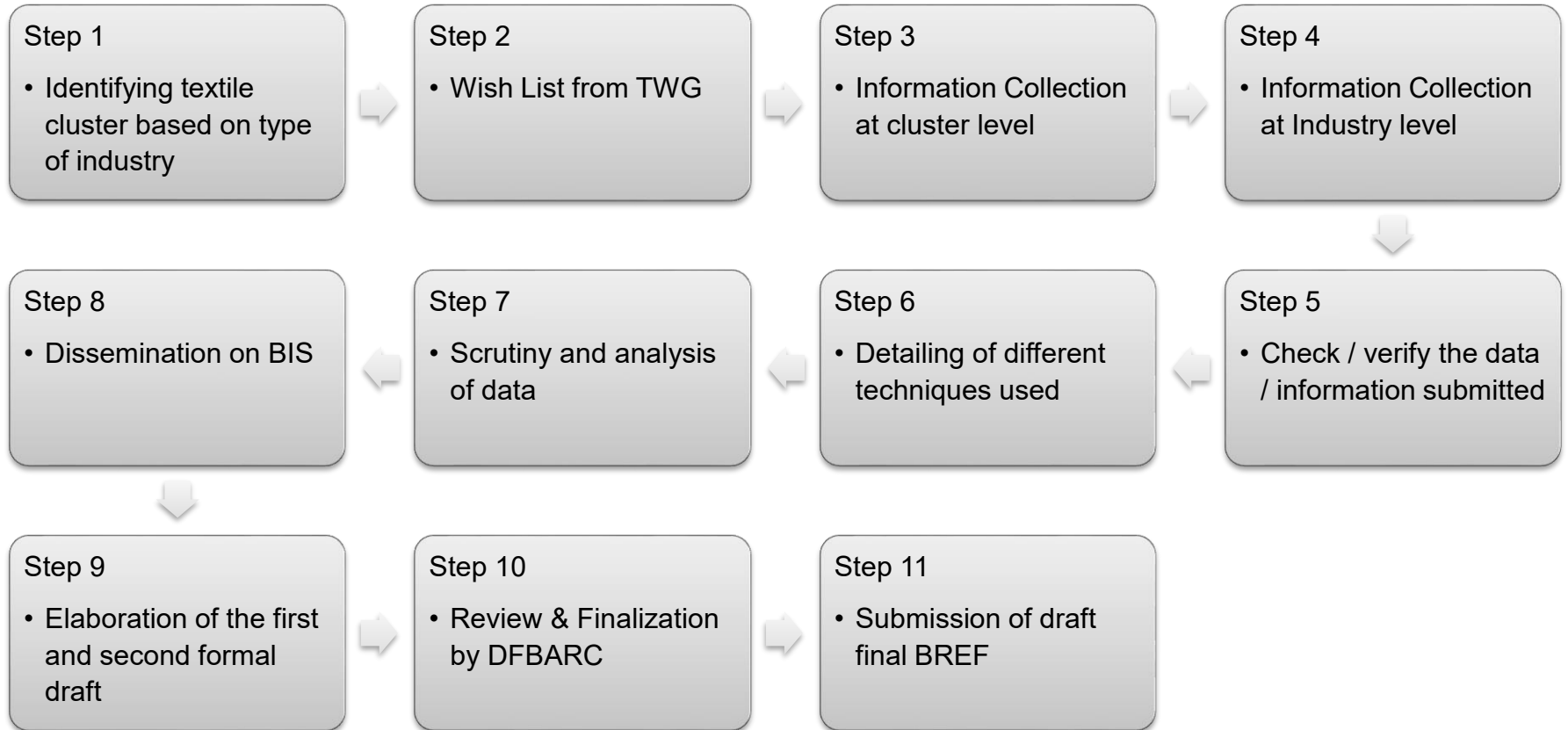
For BREF preparation and implementation :

- ✓ New Process and Procedure
- ✓ New Concept - No previous precedence
- ✓ Industry never involved in policy making earlier
- ✓ Data Collection – accuracy and authenticity
- ✓ Lack of knowledge – could not share details
- ✓ Data Compilation and Data Gaps
- ✓ Convincing and explaining the stakeholders – first of its kind effort in India
- ✓ Industries unsupportive – Novel Initiative never implemented before

Stakeholders in the BREF Process

Sr. No.	Stakeholder	Role
1	Textile Industries	Prime Beneficiary of BREF
2	Industrial Associations	Facilitators
3	SPCB / CPCB	Regulators
4	Textile Chemicals And Auxiliaries Manufacturers	Raw Material Suppliers
5	Textile Machinery And Parts Manufacturers	Technology Providers
6	Leading NGOs	Watchdogs
7	CETPs	Utility Providers

BREF - Methodology



Capacity Building Requirements

Textile Industries & Associations

- Understanding the final version of BREF document and its implementation.
- Help in smooth transition and adoption of the identified BAT in textile sector, adoption of emerging technologies.
- Textile industrial association's help is required in implementation and reaching out to textile industries.
- Realization of environment and economic benefit by adoption of identified BAT.

Capacity Building Requirements

State / Central Pollution Control Board

- Understanding the BREF document, its implementation, monitoring methodologies and assessment of benefits over a period of time.
- Revision of document over a period of time with change in technologies.
- Overview of the international practices.

Capacity Building Requirements

Textile Chemicals & Auxiliaries Manufacturers

- Overview of the BREF document and its implementation.
- Understanding their role/ contribution in adoption of BAT, reducing the emission and consumption of raw materials.

Capacity Building Requirements

Textile Machineries & Parts Manufacturers

- Overview of the BREF document, its implementation and seeking support in implementation.
- Understanding their role/ contribution in adoption of BAT.
- Explaining their role in the emerging technologies and how efficient innovative technologies can help in revision of BREF

Capacity Building Requirements

Leading NGOs

- Overview of the BREF document, its implementation framework and seeking support in propagating implementation.
- Work as watchdog by constructive suggestions and recommendations in implementation and revision of BREF time to time

Capacity Building Requirements

Common Effluent Treatment Plants

- Overview of the BREF document and its implementation.
- Adoption of new and improved technologies for wastewater treatment and guiding their member industries.

Conclusion

- First ever BREF document in Gujarat for Textile Sector has been prepared after lot of efforts.
- Hence, it is required that the same is used for the benefit of the sector and it does not become one more report or publication in the book shelf.
- This can only be made possible through appropriate capacity building.
- Once advantages of BREF are realized more and more sectors will opt for BREF

Thank You

CHIRAG BHIMANI

chirag@bhimani.in

+91 – 98258 30535

+91 – 98796 52844