

# **Life Cycle Initiative: The Workshop as Action within the Portfolio of the LC Initiative**



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# UNEP Life Cycle Initiative

- Promote Life Cycle Methods
  - Applications
  - Capability
  - Relevance
  - Data
  - Tools
  - Consistency
- Worldwide

[www.uneptie.org/pc/sustain/lca/lcini.htm](http://www.uneptie.org/pc/sustain/lca/lcini.htm)



# Initiative Status

- Complete:
  - Definition Studies
  - Task Force Terms of Reference
- Imminent:
  - Global call for expressions of interest
  - Task force formation and launch
- Participation Invited!

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# Inventory Task Forces

1. LCI Database Registry
2. LCI Database Characteristics & Quality
3. LCI Methodological Consistency
4. LCA Library
5. LCI Databases and Capacity-Building

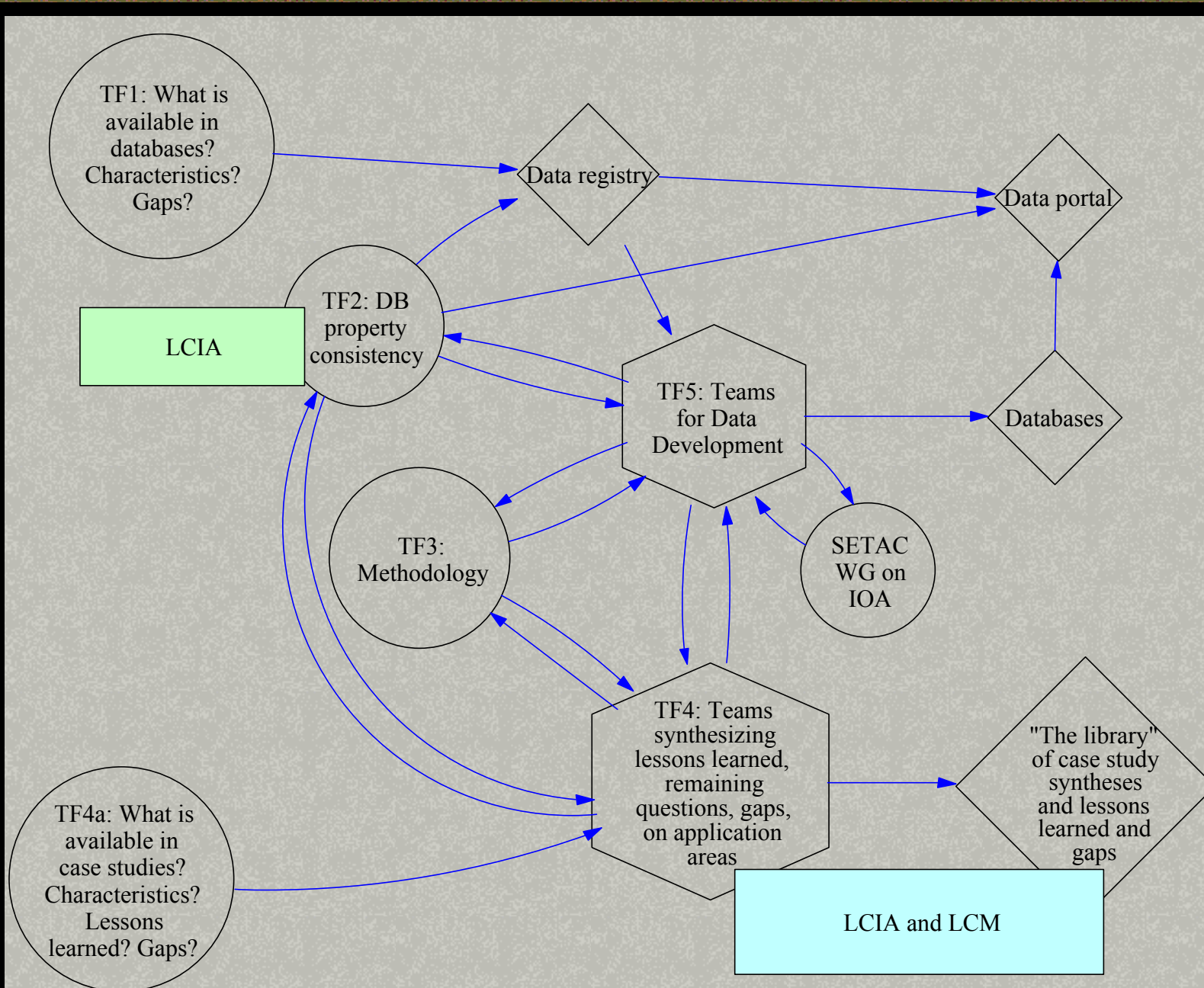
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# TF1: Database Registry

- Update and expand working summary of available LCI databases
- Include:
  - Public/national databases
  - Industry associations
  - Private
  - IO
- → Web-based, UNEP LCI Data Registry
  - Meta-data
  - Web links
- 26 weeks from launch



## TF2: DB Characteristics/Quality

- Facilitate voluntary, practice-oriented movement towards consistency
  - Quality representation
  - Documentation format
  - Data exchange format
  - Nomenclature
- → Best/consistent practices handbook
- → Training/consultation to TF 5



# TF3: Methodological Consistency

- Voluntary, practice-oriented movement
- 1. Identify major method topic areas
  - State of consensus/practice
- 2. Criteria & framework for comparing LCI methods
- Synthesis white papers, worked examples
- → Decision tree for method selection
- → Best/consistent practices handbook
- → Training/consultation to TF 5



# TF4: LCA Application Library

- Multi-nation Teams for each product category
  - Universities, Industry, Government
- Review, synthesize: *Meta-analyses*
- Integrate LCI, LCIA, LCM
- Capacity-building *designed-in*



# TF5: Database Development

- Multi-nation Teams
  - Universities, Industry, Government
- Expert consultation
- Peer support
- Capacity-building *designed-in*



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