

International Good Practice Principles for Sustainable Infrastructure



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Background

- UN Environment Assembly (UNEA) resolutions on sustainable and resilient infrastructure
- Sustainable Infrastructure Partnership (SIP)
- UN Environment Management Group (EMG) - endorsement across UN system



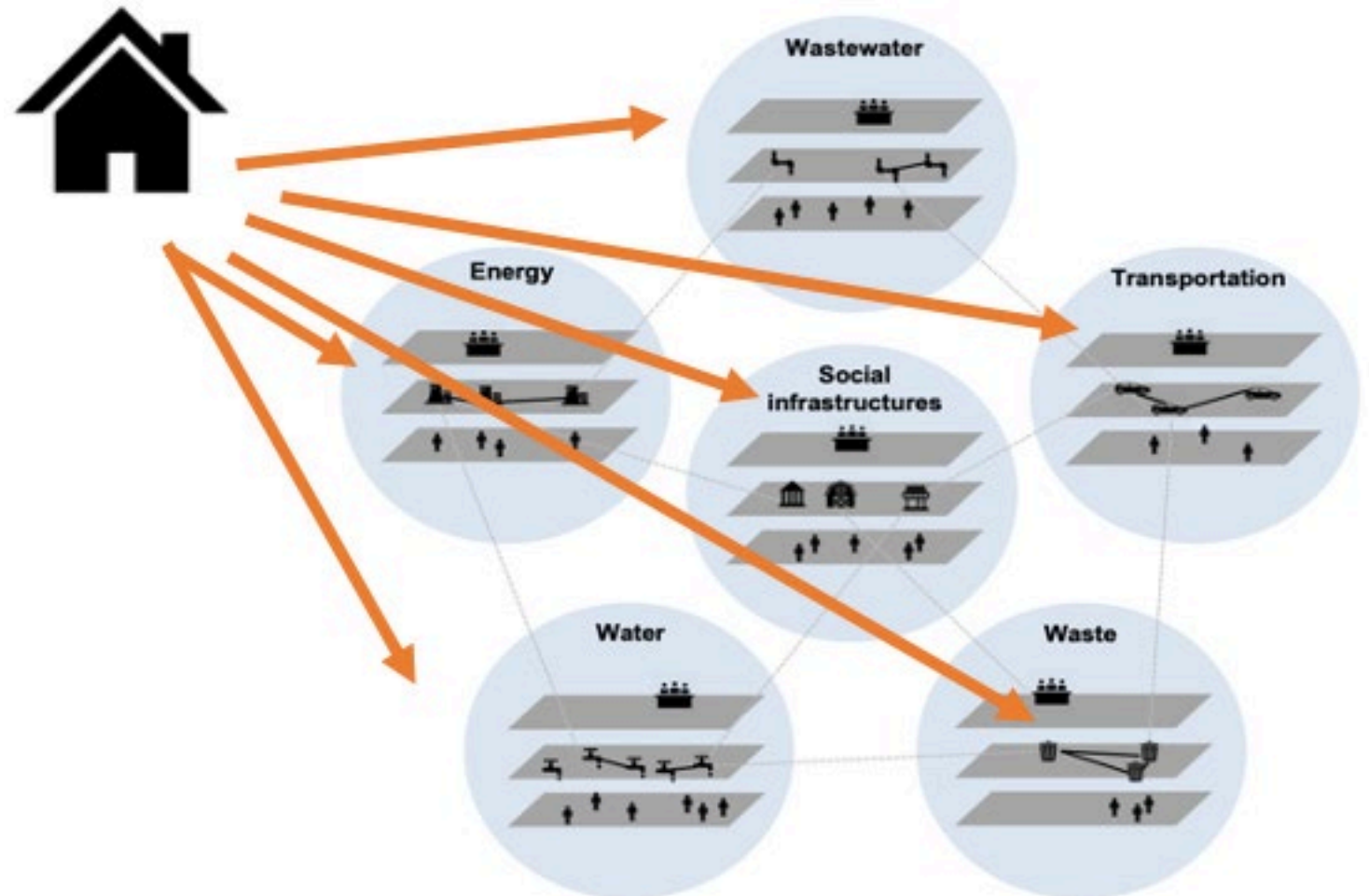
Principles

- 10 guiding principles
- Integrated, systems-level approaches
- Creating an enabling environment for sustainable infrastructure



Approach

- Integration of all aspects of sustainability
- Integration of different infrastructure systems and sectors
- Understanding impacts and benefits at the aggregate level
- Needs-based
- Nature





10 Principles

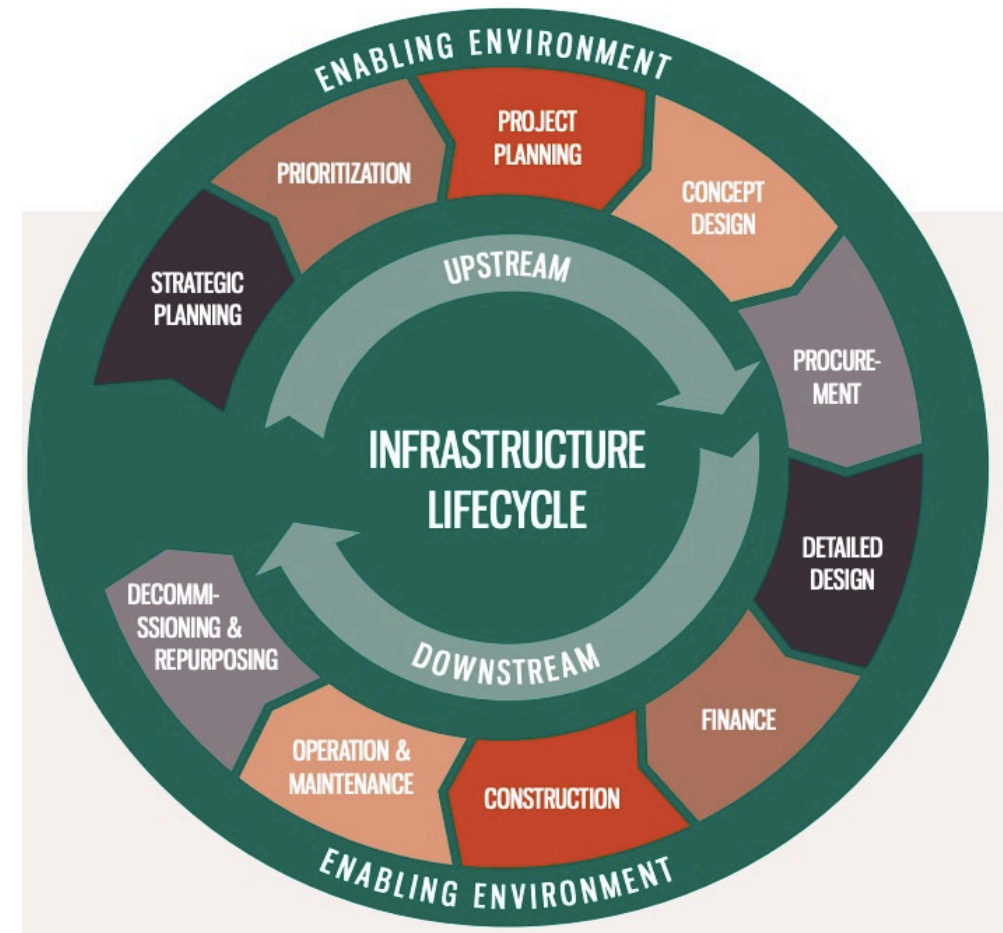
1. **Strategic planning**
2. **Responsive, resilient, and flexible service provision**
3. **Comprehensive life cycle assessment of sustainability**
4. **Avoiding environmental impacts and investing in nature**
5. **Resource efficiency and circularity**
6. **Equity, inclusiveness, and empowerment**
7. **Enhancing economic benefits**
8. **Fiscal sustainability and innovative financing**
9. **Transparent, inclusive, and participatory decision-making**
10. **Evidence-based decision-making**



5. RESOURCE EFFICIENCY AND CIRCULARITY

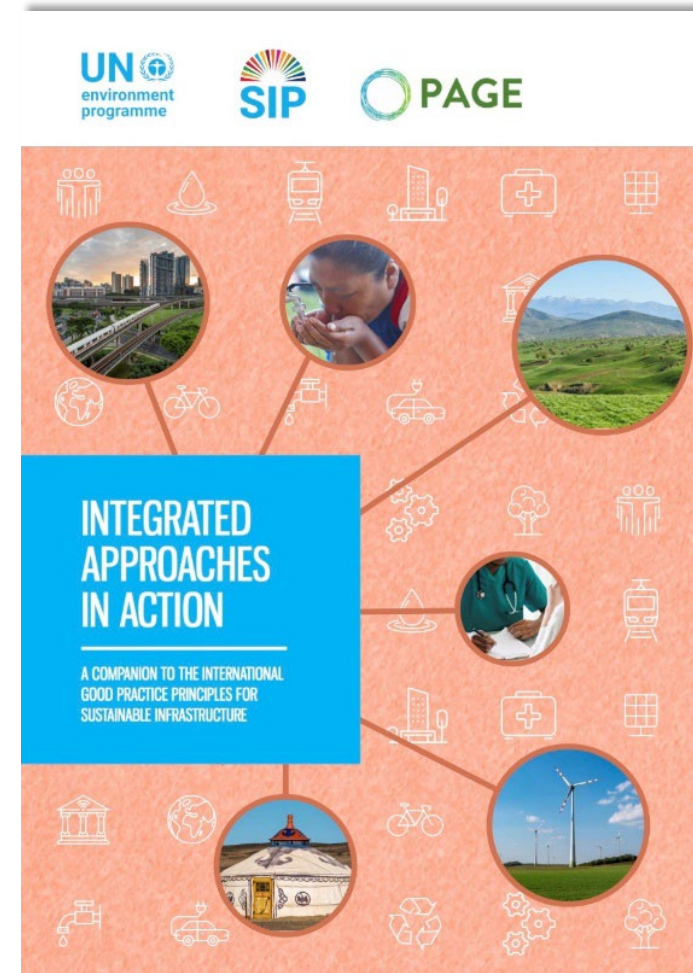
Circularity and the use of sustainable technologies^v and construction materials should be planned and designed into infrastructure systems to minimize their footprints and reduce emissions, waste and other pollutants.

- Emphasis on “upstream” phases, but principles consider whole infrastructure life cycle



Case studies

- Case studies from around the world
- Illustrating the 10 principles
- Growing database



- Further complement
- Database of tools
- User-friendly navigation interface
- Matching stakeholders with tools needed for implementation



Thank you



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