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Resilient nations.*

2018 World Water Development Report: Nature Based Solutions for Water

Andrew Hudson, UNDP Water & Ocean Governance Programme

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Making it happen: accelerating the uptake of NBS

Improving the knowledge base

Traditional or **local-community knowledge** of ecosystem functioning and the nature–society interaction can be a significant asset



Enabling the regulatory and legal environment

Peru's Compensation Mechanisms for Ecosystem Services Law of 2014 is the **first national-level regulatory framework** specific for green infrastructure investment in the drinking water supply and sanitation sector in Latin America



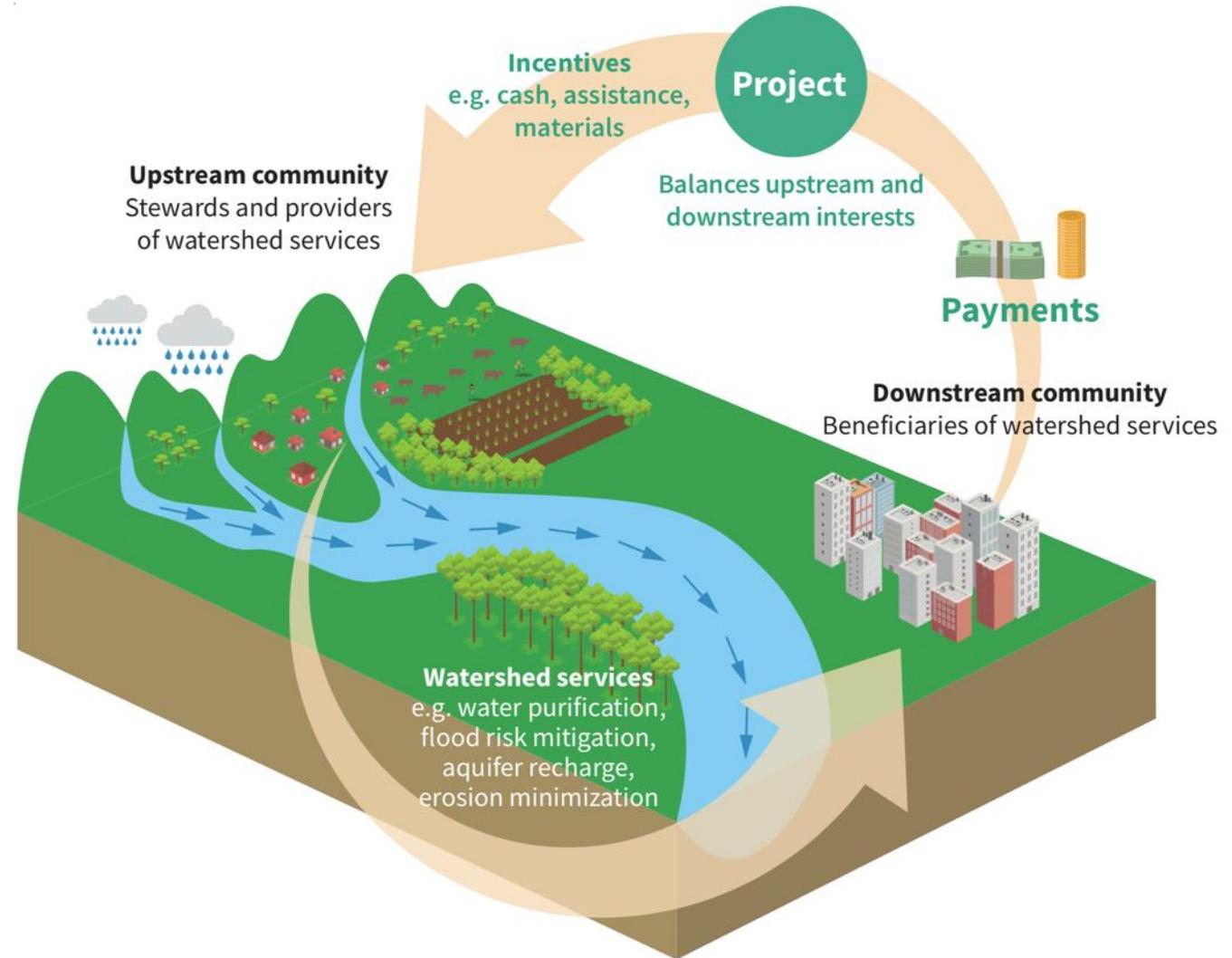
Leveraging financing

NBS do not necessarily require additional financial resources but usually involve redirecting and making **more effective use** of existing financing



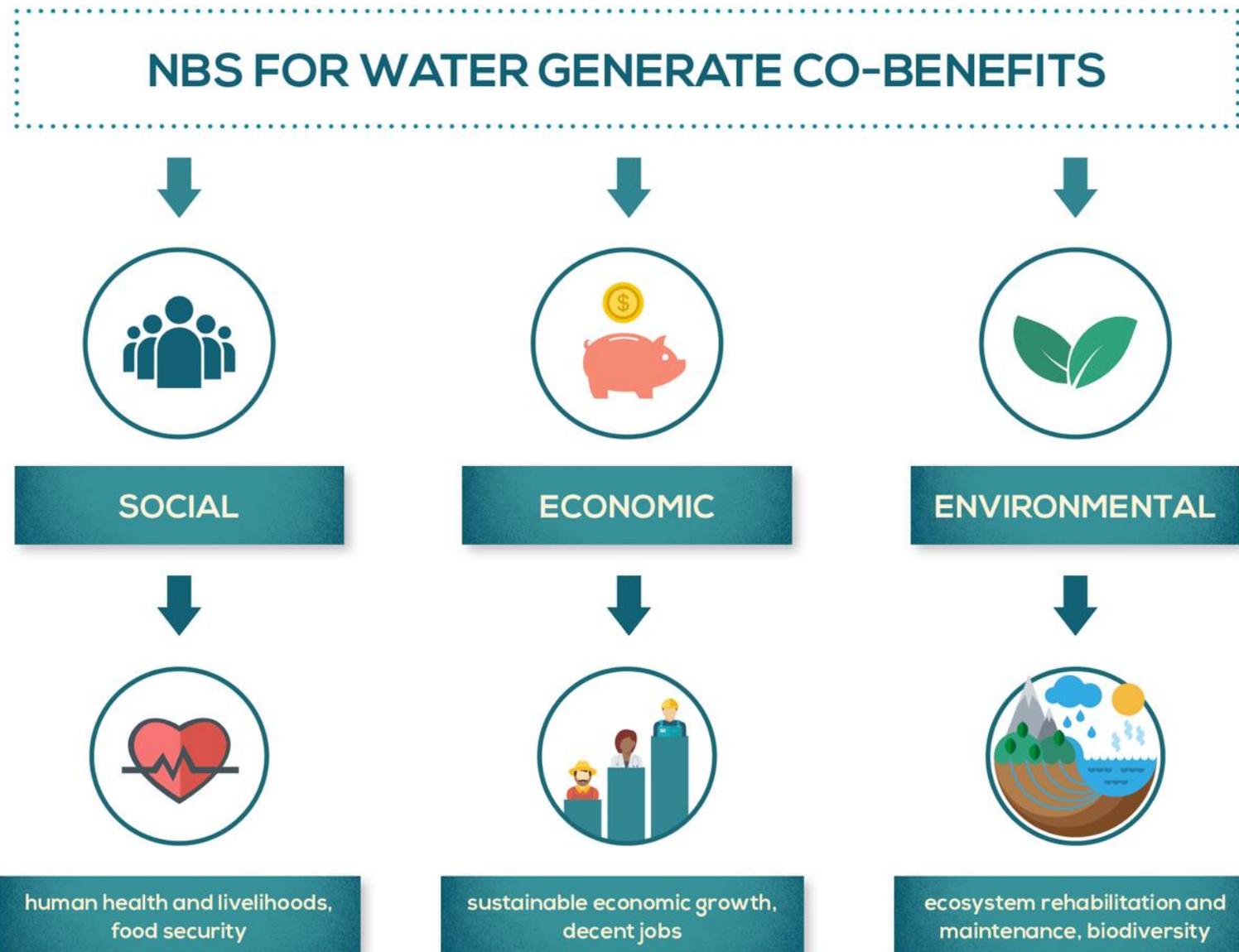
Leveraging financing – Payment for Environmental Services

Investments in watershed protection have ended up saving New York City more than **US\$300 million per year** on water treatment operation and maintenance costs alone



Co-benefits of NBS

The substantial value of social, economic and environmental co-benefits can **tip investment decisions** in favour of NBS



Improving cross-sectoral collaboration and public participation

NBS can require much greater levels of cross-sectoral and institutional collaboration than grey-infrastructure approaches. This can bring groups of stakeholders together under a **common agenda**.



Concluding thoughts

Several universal actions that can support a more effective implementation process:

- Ensure NBS can be accurately evaluated against other options
- Consider a wider range of co-benefits
- Scope existing mandates, plans and initiatives that may link to, or benefit from, NBS.
- Develop targeted technical guidelines, tools and approaches to support decision making to determine the right mix of NBS, hybrid and traditional infrastructure options.
- Draw more than money from the finance sector

**EVERY ACTION WE TAKE TO PROTECT THE ENVIRONMENT,
NO MATTER HOW SMALL, DIRECTLY HELPS CREATE
A BETTER, HEALTHIER WATER WORLD**

