



URBAN CLIMATE
CHANGE RESILIENCE
TRUST FUND
Asian Development Bank

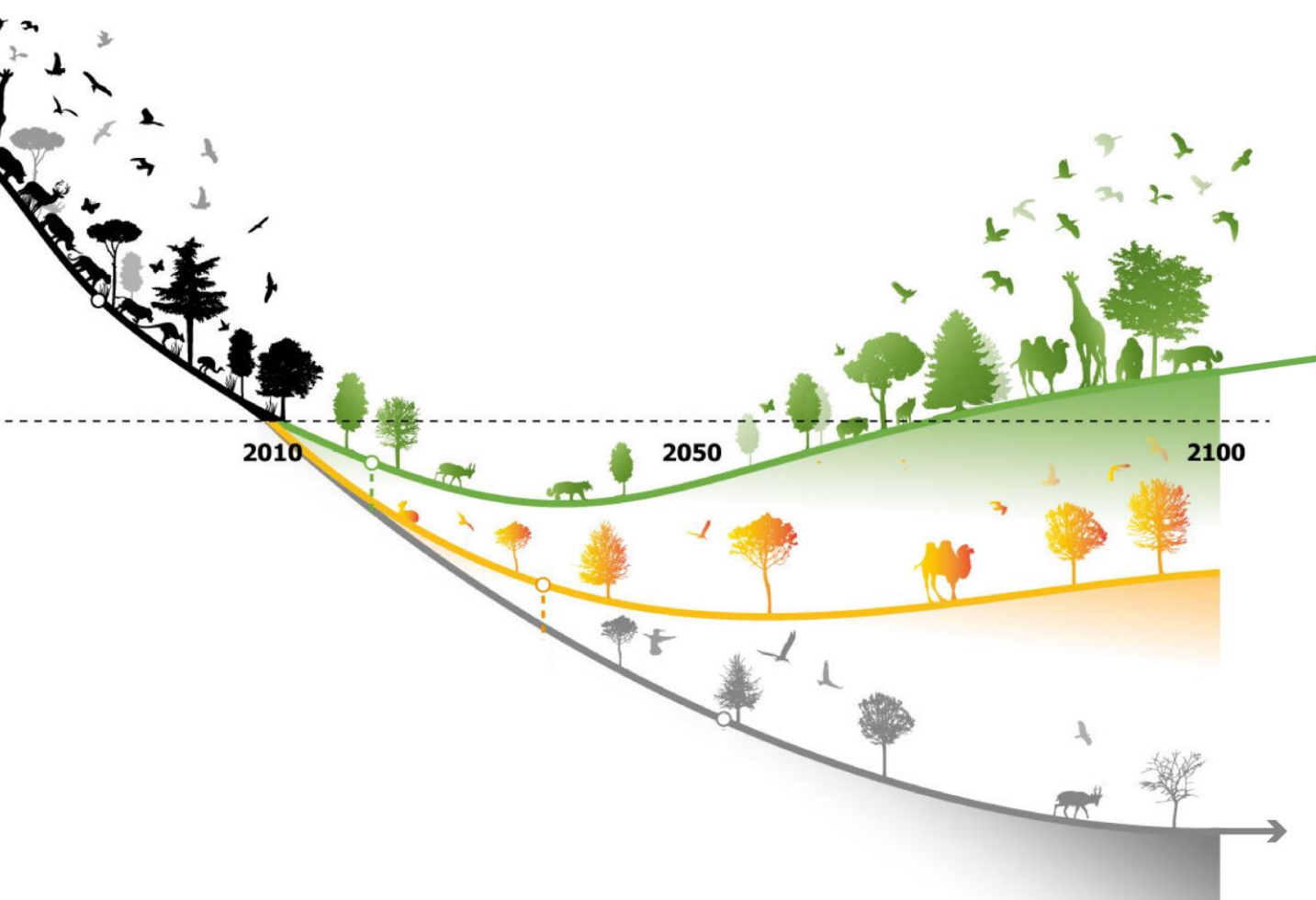


Nature and Climate Nexus: Promoting Nature-based Solutions (NbS)
for Sustainable Infrastructures in Asia and the Pacific

Challenges and Approaches in Quantifying NbS Benefit Streams

24 October 2022 (Monday) • 2–3 pm (Philippines/GMT+8) • Zoom

We need to shift beyond 'hard' infrastructure approaches towards integration and delivering value to natural ecosystems and communities



+ Nature Based Solutions:

“actions to protect, sustainably manage, and restore natural or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human wellbeing and biodiversity benefits.” (IUCN)

“Business as usual” + shocks and stresses

Curve of biodiversity loss | Credit: Ammended from International Institute for Applied Systems Analysis

Source: <https://phys.org/news/2020-09-biodiversity-loss.html>

Implementation of NbS is key to delivering outcomes across all resilience dimensions



ECOLOGICAL RESILIENCE

- Integration of blue and green infrastructure at all scales
- Improving ecosystems through landscape management strategies
- Minimising ecological impacts
- Increasing biodiversity



PHYSICAL RESILIENCE

- Reduced damage to infrastructure through adaptable infrastructure
- Natural elements providing protection against climate hazards



SOCIAL & INSTITUTIONAL RESILIENCE

- Encourages systems thinking through mobilising community and cross sectoral and administrative boundaries
- Open green spaces providing areas for wellbeing and improved health

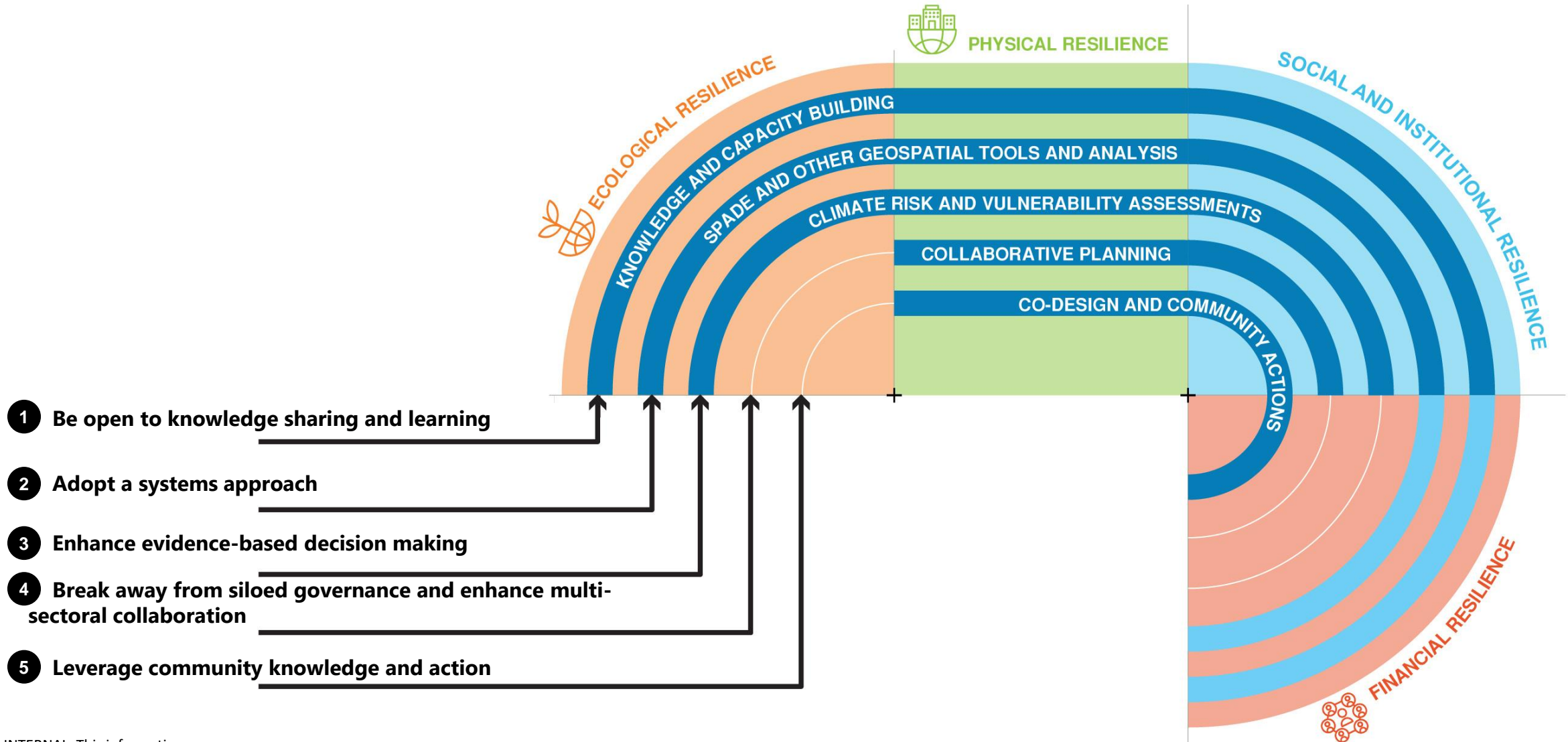


FINANCIAL RESILIENCE

- Delivering greater efficiency through cost savings from avoided costs from future damages
- Delivering multiple benefits through integrated delivery
- Promoting circular economy principles



UCCRTF has developed and applied tools and techniques that support NbS



UCCRTF has compiled a knowledge product to share lessons and enable greater adoption of NbS



+

NbS alignment with climate resilience, ADB operational objectives and meeting the goals of the Paris Agreement

+

A summary of the UCCRTF Portfolio and Tools, and Techniques

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A summary of NbS benefit streams, indicators and metrics

+

UCCRTF case studies

+

Further opportunity areas

ASIAN DEVELOPMENT BANK



Please get in touch with the team to request a copy of the knowledge product:

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THANK YOU!

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