

An Action Agenda for Green Infrastructure



**Sunday 26 August
2018,
9:00 – 10:30**

Summary



Green (or natural) infrastructure is increasingly recognized as critical to achieving water security



multiple related SDGs



Aim: an emerging multi-sectoral and collaborative initiative to **develop and commit to a concrete, actionable blueprint to mainstream nature-based solutions, and green infrastructure, for water security.**

Recap

- World Water Week 30th August 2017
 - 25 individuals + 16 organizations + dialogue to discuss action to catalyze greater uptake of green infrastructure as a critical complement to traditional grey water infrastructure
- Participants explored
 - how to best leverage accumulating experience to get to a tipping point to mainstream green infrastructure
 - develop consensus on specific recommendations,
 - commit to prioritized actions

The Action Agenda



- Blueprint for action as a **path forward** **Bring collective thinking and diverse perspectives to bear on critically evaluating the most pressing challenges and needs** for scaling green infrastructure (science-based information; capacity; tools for design, performance assessment, and economic assessment, etc.);
- Collaboratively **develop a set of strategic, concrete, prioritized actions** that when implemented, together create the catalyst for rapid change to mainstream green infrastructure as business as usual in the water sector;
- Effectively **promote green infrastructure** through diverse voices to diverse audiences; political leaders, financiers, general public, development and climate communities; and
- **Periodically evaluate progress, re-visit / refine** the consensus on the most pressing needs and brightest opportunities.

Progress made over the past year on an action agenda for green infrastructure



September 2017:
European Innovation
partnership. Porto Water
Conference (Porto,
Portugal)

Side event on the
Restoration Economy



**November 2017: Natural
World Water Forum
(Edinburgh, UK)**



**March 2018: World Water
Forum (Brasilia, Brazil)**

Convened Session 5.b.3 Grey
or/and green – Can integrated
solutions help to avoid conflicts
and facilitate cooperation among
users?+ ecosystems Topic pane+ +
summary



**June 2018: Adaptation
Futures (Cape town,
South Africa)**

Special Session 219:
Collaborative thinking and
collective intelligence on nature-
based solutions for climate
change adaptation and DRR:
buddy projects coming together
to reflect on actionable science
for and from Africa, Europe, Asia
and Latin America

Special Session 221: Finance and
nature for change: grasping
opportunities in transformative
adaptation and disaster risk
management for positive social
and environmental impact

Objectives and Outcomes of the session

1

Share the draft blueprint for action developed by participants since the 2017 meeting, as updated during discussions at the 8th World Water Forum;

2

Share cases and progress made in the past year by the working groups on priority topics identified in the draft blueprint (e.g., implementing GI course; guidance manuals; Water Funds Toolbox);

3

Build new relationships and develop a stronger and larger network of participants in the Action Agenda network; and

4

Secure specific commitments and launch the blueprint with a call to action.

Key areas

CAPACITY

INCENTIVES

FINANCE

EVIDENCE

MULTIPLE BENEFITS

STANDARDS

PROPERTY RIGHTS AND LEGAL
COMPENSATI

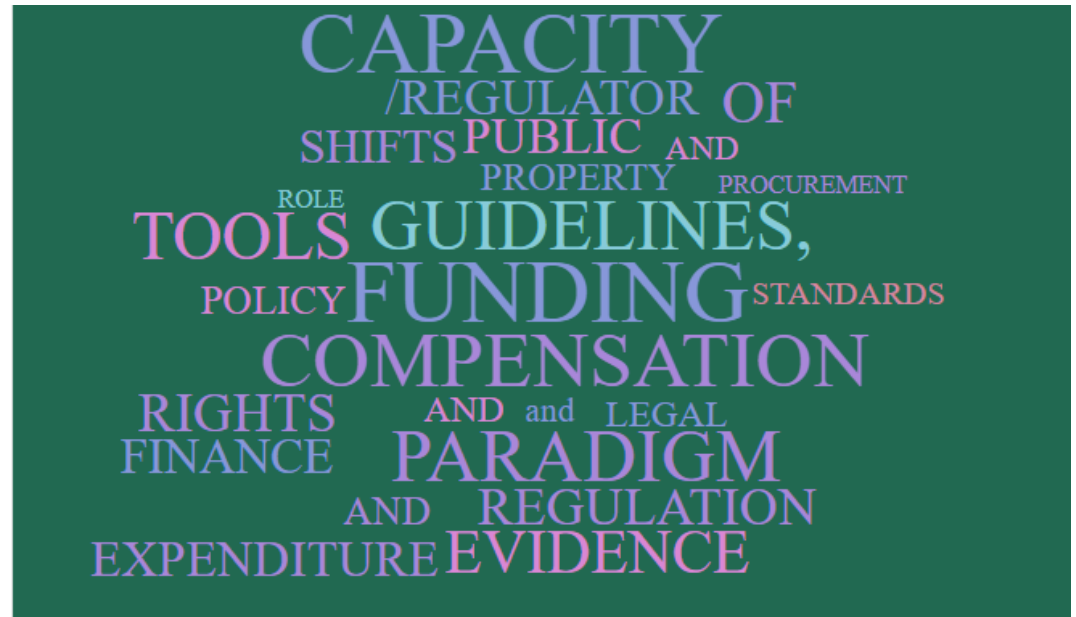
FUNDING

POLICY AND PARADIGM SHIFTS

GUIDELINES, TOOLS AND
METHODS

ROLE OF REGULATION
/REGULATOR

PUBLIC PROCUREMENT and
EXPENDITURE



Structure of the Session

- 9:00 Welcome and Overview of the Session – Jan Cassin, Forest Trends, Elena Lopez Gunn, ICATALIST
 - Brief overview of previous meetings,
 - Review objectives for this session,
 - Introduce thematic areas (Definitions, principles, and standards; Assessing GI – tools, methods, capacity building; Financing GI)
 - 9:10– 10:15 Round-table Discussions:
 - an update on the advances over the past year,
 - available resources,
 - identify remaining gaps/needs
 - what efforts are underway or planned to address these.
- 9:10– 9:25 Round-table Discussion 1: Definitions, principles and standards, development of criteria for evaluating GI.
- 9:25– 9:55 Round-table Discussion 2: Building capacity – tools and methodologies, knowledge-base, capacity building for assessing, planning, designing, and implementing GI.
- 9:55 – 10:15 Round-table Discussion 3: State of Green Infrastructure Finance – advances towards scale?
- 10:15 – 10:25 Lightning Breakout Sessions: Participants brainstorm top 2-3 priorities for moving GI forward (by thematic areas).
- Principles, standards, criteria
 - Science / knowledge / tools for assessment & design / capacity building
 - Finance
 -
- 10:25-10:30 Group Discussion / Voting – Next Steps & Close Session:
- Would a (more) formal commitment to a shared Action Agenda help catalyse more rapid advances around GI?
 - Would you be interested in helping craft and signing on to a 'call to action' around such an agenda?
 - Should we continue with these annual gatherings (at meetings linked to major water events) or is there interest in a more formal network? (Previously this group has discussed not creating another platform or network, but providing a forum to bring multiple networks and groups together – is this still the consensus?)

9:10 – 9:25
Round-table
Discussion 1:
Definitions,
principles and
standards,
development
of criteria for
evaluating GI.

- **James Dalton, IUCN:** Nature-based Solutions (concepts and principles, next steps)
- **John Matthews, AGWA:** Climate Bonds Initiative Water Infrastructure Criteria

9:25 – 9:55 Round-
table Discussion 2:
Building capacity –
tools and
methodologies,
knowledge-base,
capacity-building
for assessing,
planning,
designing, and
implementing GI.

- *Knowledge Base, Tools, & Guidelines:*
 - **Adrian Vogl, Natural Capital Project & SNAPP:** Linking Source Water Protection and Water Quantity
 - **Monica Altamirano, Deltares:** Nature-based Solutions for Flood Risk; Integrating green & gray solutions (NBS for water scarcity in IWRM; River Basin Planning; Development Master Plans)
 - **James Dalton, IUCN:** Wise-Up to Climate
 - **Suzanne Ozment, WRI:** Economic analysis for green-gray portfolios; diagnostics/readiness assessments
- *Capacity Building:*
 - **Emily Simmons, TNC:** TNC Water Funds Training / Capacity Building
 - **Jonathan Cook, USAID:** Sustainable Water Partnership

9:55 – 10:15-
Round-table
Discussion 3:
State of Green
Infrastructure
Finance –
advances
towards scale?

- **Elena Lopez Gunn, ICATALIST:** Financing Framework for Water Security (NAIAD)
- **Todd Gartner, WRI:** Green Bonds, Forest Resilience Bonds
- **Fernando Momiy Hada, Forest Trends:** Scaling water tariffs for natural infrastructure in Peru
- **John Matthews, AGWA:** Climate Bonds, new water infrastructure criteria

10:15 – 10:25
Lightning
Breakout
Sessions:
Participants
brainstorm
top 2-3
priorities for
moving GI
forward (by
thematic
areas).

Principles,
standards,
criteria

Science /
knowledge /
tools for
assessment &
design / capacity
building

Finance

Group Discussion / Voting – Next Steps & Close Session:



- *Would a (more) formal commitment to a shared Action Agenda help catalyse more rapid advances around GI?*
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- *Should we continue with these annual gatherings (at meetings linked to major water events) or is there interest in a more formal network?*



Thank You!