



Future Earthの動向

Future Earth Advisory Committee(AC)/Governing Council(GC)会合報告を含めて

Fumiko Kasuga

NIES, Future Earth, U Tokyo IR3S



We emerged from Global Research Projects



oneHEALTH



IHOPE
Integrated History and future Of People on Earth



Integrated Marine Biosphere Research



Governing Council



[ABOUT US](#)[NEWS](#)[EVENTS](#)[RESEARCH](#)[PRODUCTS](#)[GET INVOLVED](#)[OPEN NETWORK](#)

29 MARCH 2018

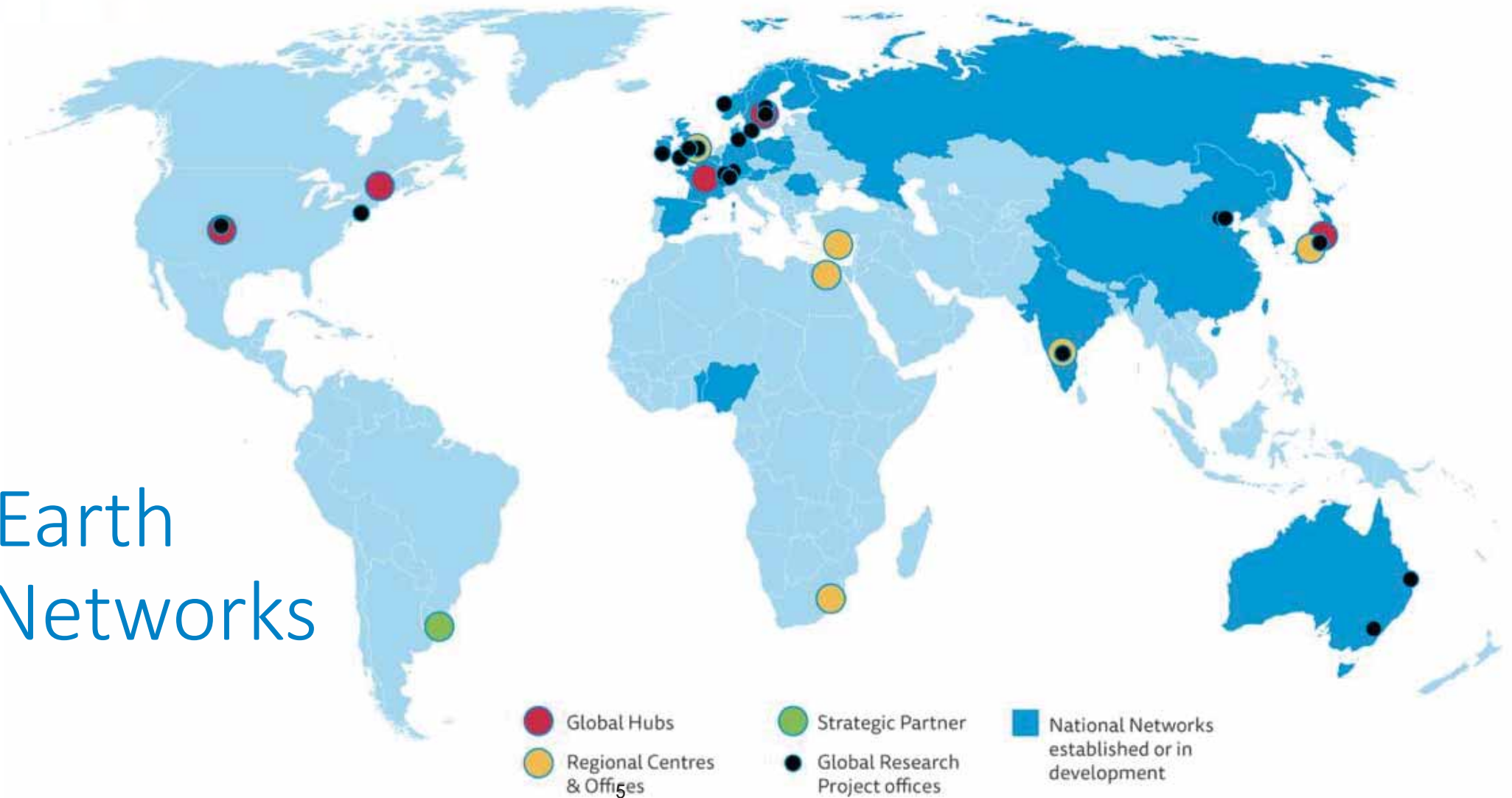
Future Earth names inaugural members to its Advisory Committee



futureearth
Advisory Committee



Future Earth Global Networks



Regional entities and activities



Regional Center for Asia
Future Earth in Asia Workshop
2017, RIHN, Kyoto

Secretariat Executive Director and Global Hub Directors



Josh Tewksbury
Colorado



Amy Luers
Executive Director



Wendy Broadgate
Stockholm



Anne Hélène Prieur-Richard
Montreal



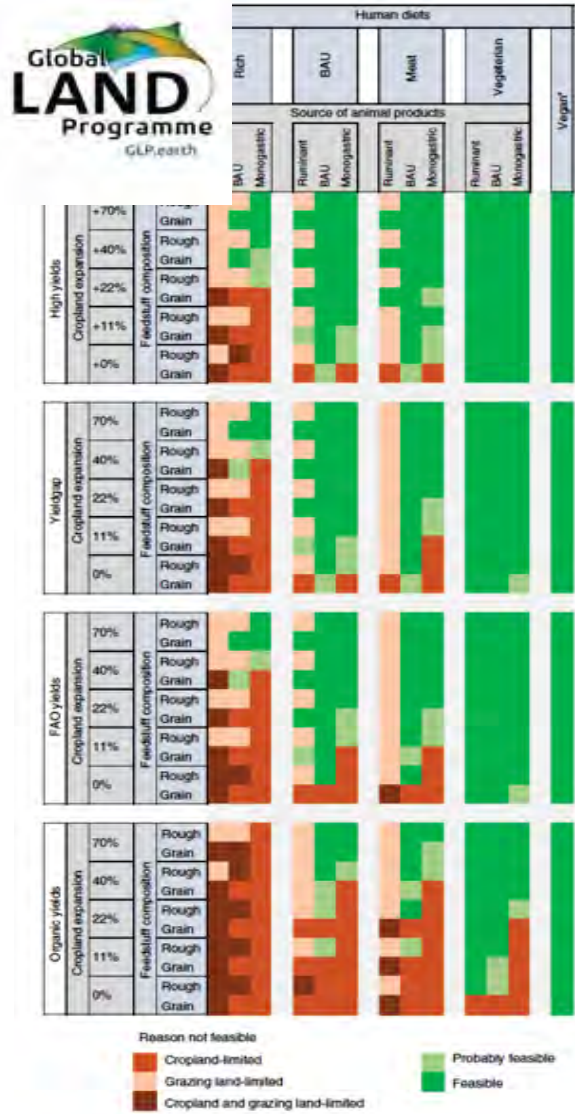
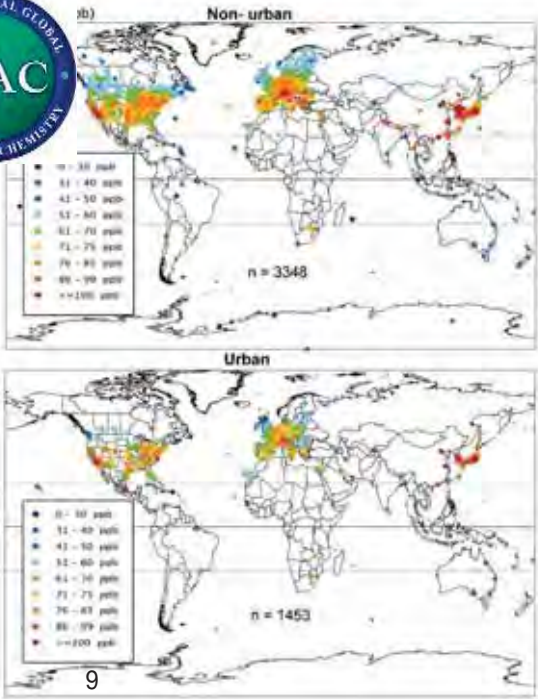
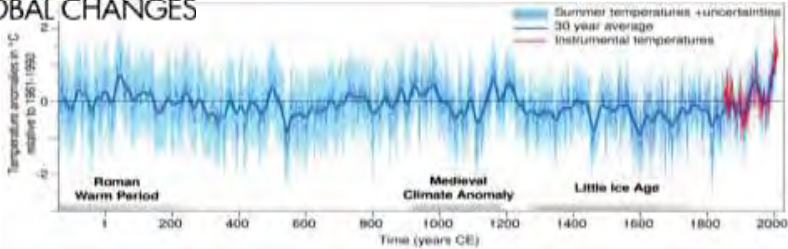
Thorsten Kiefer
Paris



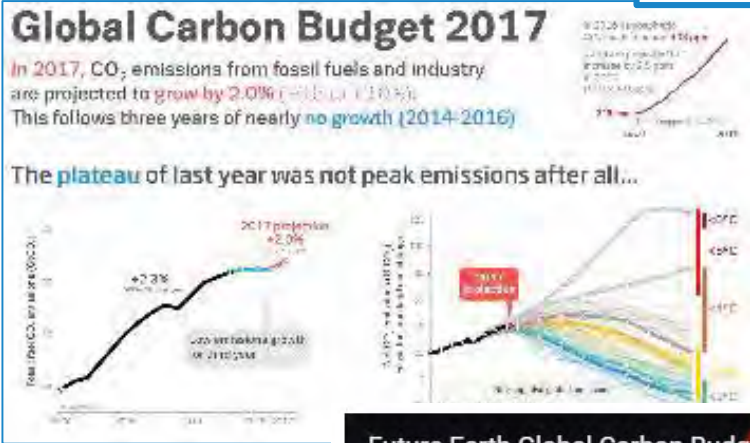
Fumiko Kasuga
Tokyo

WHAT WE HAVE DONE TO DATE

Global Research Projects: Shaped the field of sustainability science, Helped set world on path to global sustainability



We have facilitated & amplified research: help set world on path to global sustainability



We responded rapidly to policy needs



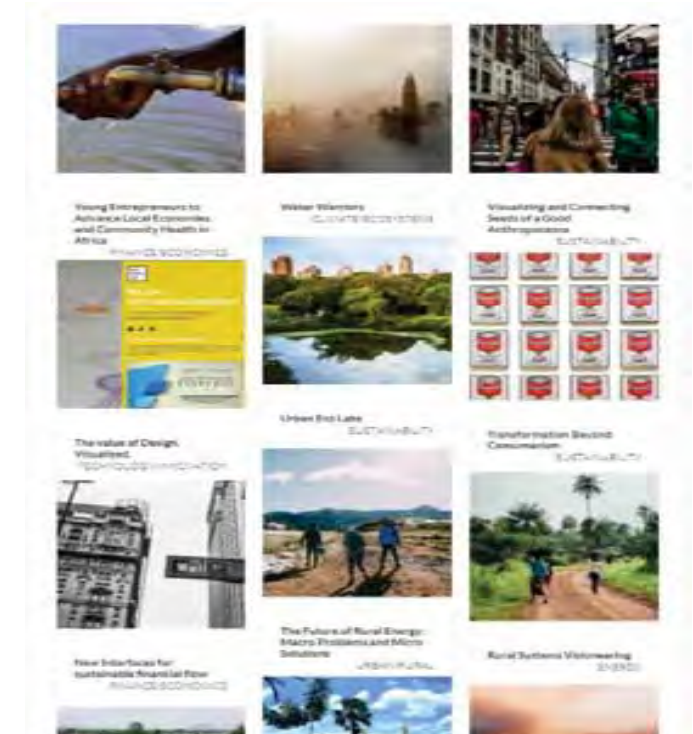
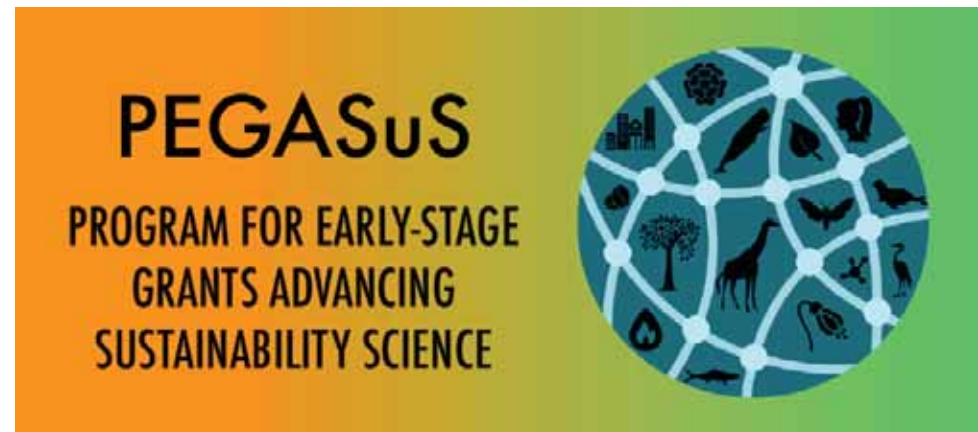
Combining Stakeholder Knowledge to
Promote Innovation and Transformative
Actions in Support of Sustainable
Development Goal 14

Engaged in the United Nations Ocean Conference
Side Event on 9 June 2017,

We have provided seed funding for new research and innovation collaborations



Fast Track Initiative
“Bright spots: Seeds
of a good
Anthropocene”



SDG Labs at ICSS
2017

We convene & mobilize new networks to link knowledge to actions: Knowledge-Action Networks



Decarbonisation



Emerging
Risks
& Disasters



Finance
& Economics



Health



Natural Assets



Ocean



SDGs



SSCP



Transformations

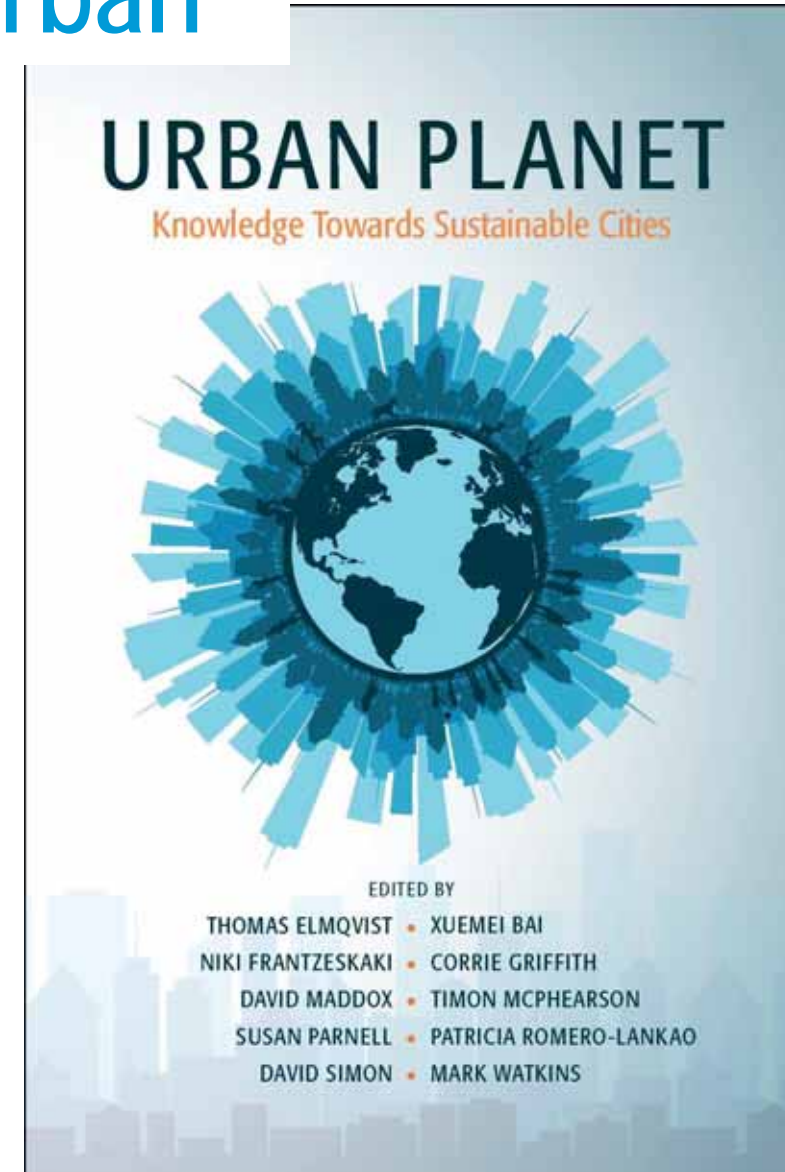


Urban



Water-Energy-
Food Nexus

Knowledge–Action Network: Urban



We became a central partner to Belmont Forum in shaping their Collaborative Research Actions (CRAs)

Future Earth incubated and launched by the members of the BF

Oceans (co-branded)

Status, 2 stage co-designed synthesis investment



Health (co-branded)

Status, process, Fellows



Food Water Energy NEXUS



Disaster Risk Reduction
& Resilience

We convene several major global conferences for global sustainability

Future Earth at CitiesIPCC, Canada



“Seedbeds of Transformation”
conference, South Africa



International Conference on
Sustainability Science, Sweden



PyeongChang Forum, Seoul



We support early career networks



Food futures

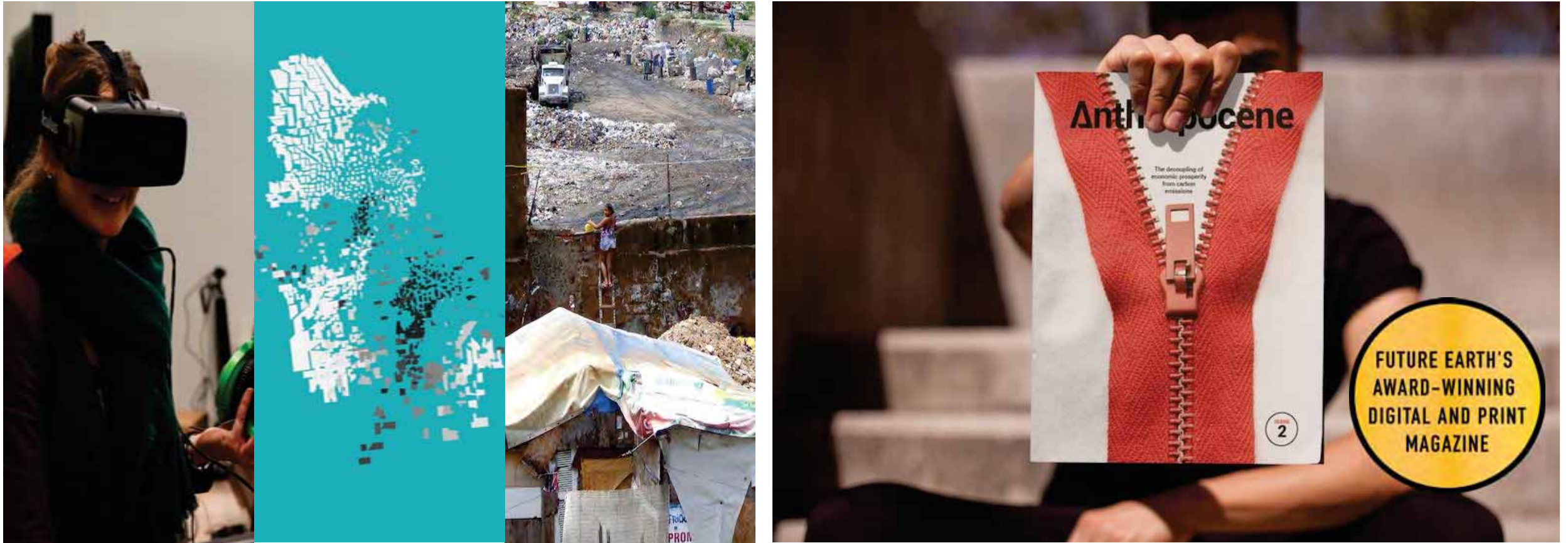


Future economy



Future sustainability

We launched Media Lab and Anthropocene magazine



20 Global Research
Projects
11 Knowledge Action
Networks



WHERE WE ARE HEADING NEXT?

**Future Earth Advisory Committee(AC) /Governing
Council(GC)会議
@Montevideo, Uruguay**

日程

4月26－28日：地域組織会合

4月26－28日：諮問委員会会合

4月28－29日：評議委員会会合

主な議題

1. 地域組織 (Regional Centers and Offices, Strategic Partners) の役割
2. 新たな活動方針
3. 組織規程 (Governance Document) の承認と評議委員会の新構成
4. 予算案の承認

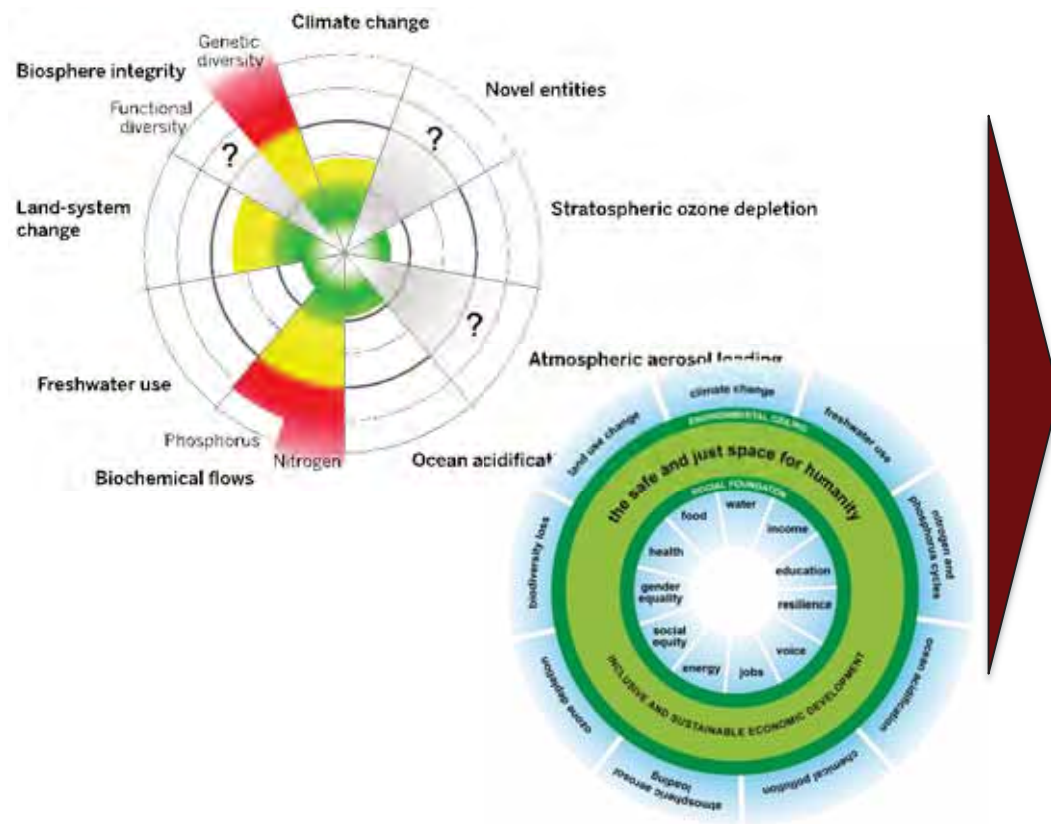
新たな活動方針：幅広い関係者へのアウトリーチ

- ・ 地球システムとSDGsに関する年次統合レポートの作成
- ・ 会員組織Professional Societyの設置（主として個人会員を対象、団体会員についても検討）

新たな活動方針：Global Systemic Challenges

- Co-develop and seek funding for 2-3 Global Systemic Challenges, including Earth Commission
- 既存の組織であるGlobal Research Projects (GRPs), Knowledge-Action Networks (KANs), Regions, Partnersが共に参加できる形で、課題解決型旗艦プロジェクトとなるGlobal Systemic Challengesを特定し稼働
- [Earth Commission](#)をIUCNと共同運営し、SDGsに向けた科学的根拠に基づく指標づくりを行う[Earth Targets](#)（正式名称は未定）を最初のGlobal Systemic Challengeとする
- 今年中にあと1つか2つのGlobal Systemic Challengesを設定

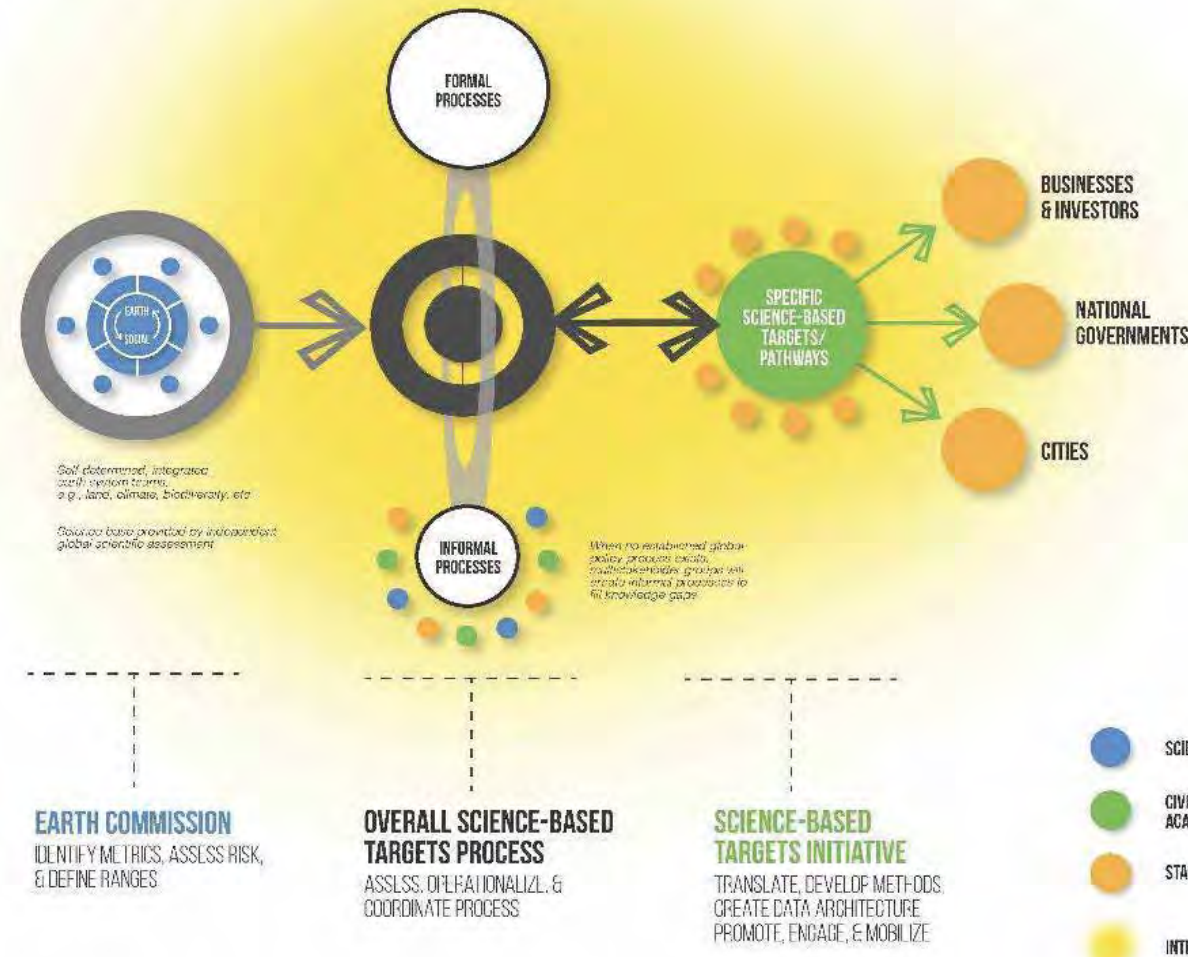
Science-Based Targets – the challenge



Still missing:
Clear targets based
on analysis of the
biophysical conditions
for reaching the
SDGs

Science-Based Targets

EARTH TARGETS PLATFORM



WORLD
RESOURCES
INSTITUTE



Stockholm
Resilience
Centre



futureearth
research for global sustainability

1. Generate science-base of metrics, risks, ranges (natural and social sciences)
Earth Commission

2. Agree on overall science-based targets (science-soc.,-policy dialogue)

3. Individualise science-based targets for cities, countries, businesses, investors

Earth Commission

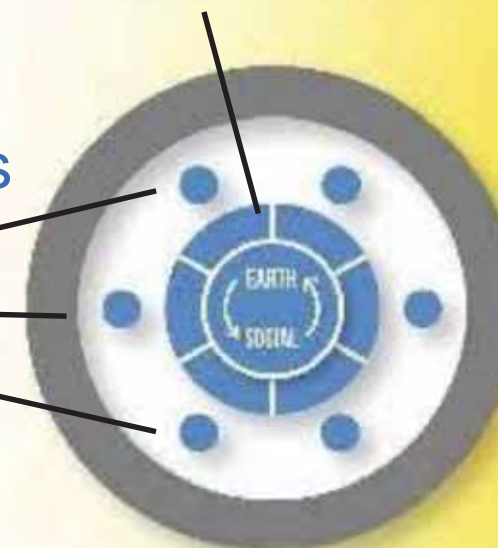
- Assess Earth system risks
- Synthesis science
- Define geographical scale
- Peer-reviewed publications
- Advise SBT initiative

Working Groups

- Water
- Land
- Nutrients
- Biodiversity
-

GRPs
KANs

High level Panel



Self determined, integrated
earth system teams,
e.g., land, climate, biodiversity, etc

Global base provided by independent
global scientific assessment

新たな活動方針：事務局による集中的なGRPs, KANs支援

1. Future Earth Summitの開催

GRPとKANの代表者による集会：第1回目を今年8月28-29日にドイツのボンで開催

2. KANs

2-1. Clarify the **development process** for KANs

- I. Exploration Phase
- II. **Development Phase (Secretariat support)**
- III. Operation Phase

2-2. Identify 3 to 4 KANs for “Fast Track” Secretariat investments

- 自立運営に向けて集中的に支援、その後次の4つ程度を支援
- Transformation KANとSDGs KANはFuture Earth活動の全体に拡大し、KANとしての形態からは転換

3. Global Research Projects Review

- to be completed by January 2020

Governance Documentの承認と Governing Councilの新構成

1. Governance Documentの承認
 - ・ 5ハブの支持組織（Hub Funders）から各一人が投票権を持つ評議委員
 - ・ 諮問委員会共同議長ならびに事務局Executive Team（事務局長、グローバルハブディレクターズ、地域事務局代表）が投票権を持たない評議委員
2. 評議委員会の新構成メンバー選考
 - ・ 選考基準と手順を承認
 - ・ 新組織により来年1月末から2月初めにストックホルムで初回会合を開催
3. 暫定共同議長として、Jakob Rhyner氏（国連大学）とMaria Uhle氏（Belmont Forumならびにコロラドハブfunder）を選出