



All sectors, all scales...

Sustainable Eel Group conference, Natural History Museum, London

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Sustainable
Eel Group



Wetlands
INTERNATIONAL

Earth's systems are shifting

The Anthropocene era

Human impacts have resulted in step changes in Earth's systems.

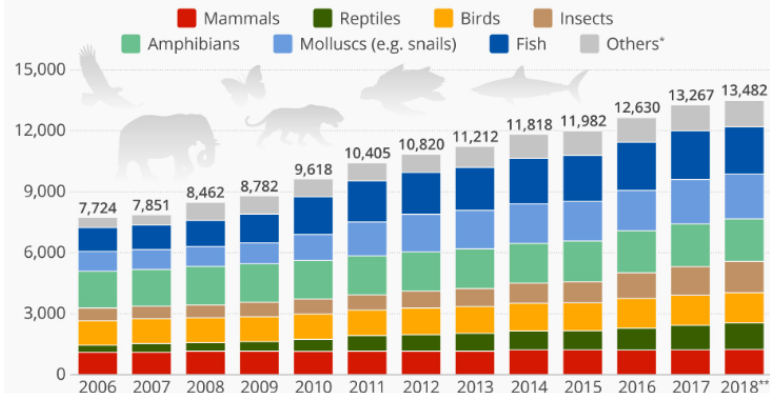
Amongst these multi-dimensional shifts: climate change and unprecedented rates of species loss.

Disruption of the hydrosphere is as big a problem?



The Number of Threatened Species is Rising

Number of animal species of the IUCN Red List, by class



* other invertebrate (spineless) animals, such as crustaceans, corals and arachnids (spiders, scorpions)

** Red Lists published in July



Source: IUCN Red List

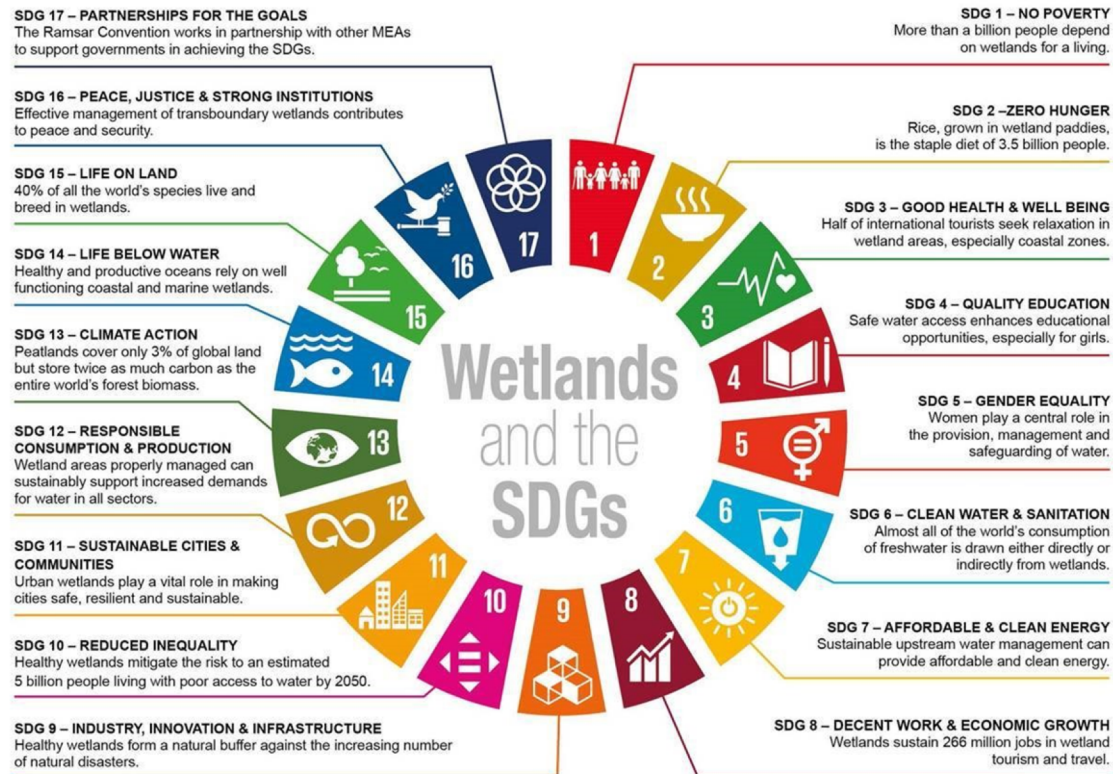
statista



Wetlands
INTERNATIONAL

Wetlands are needed in better condition

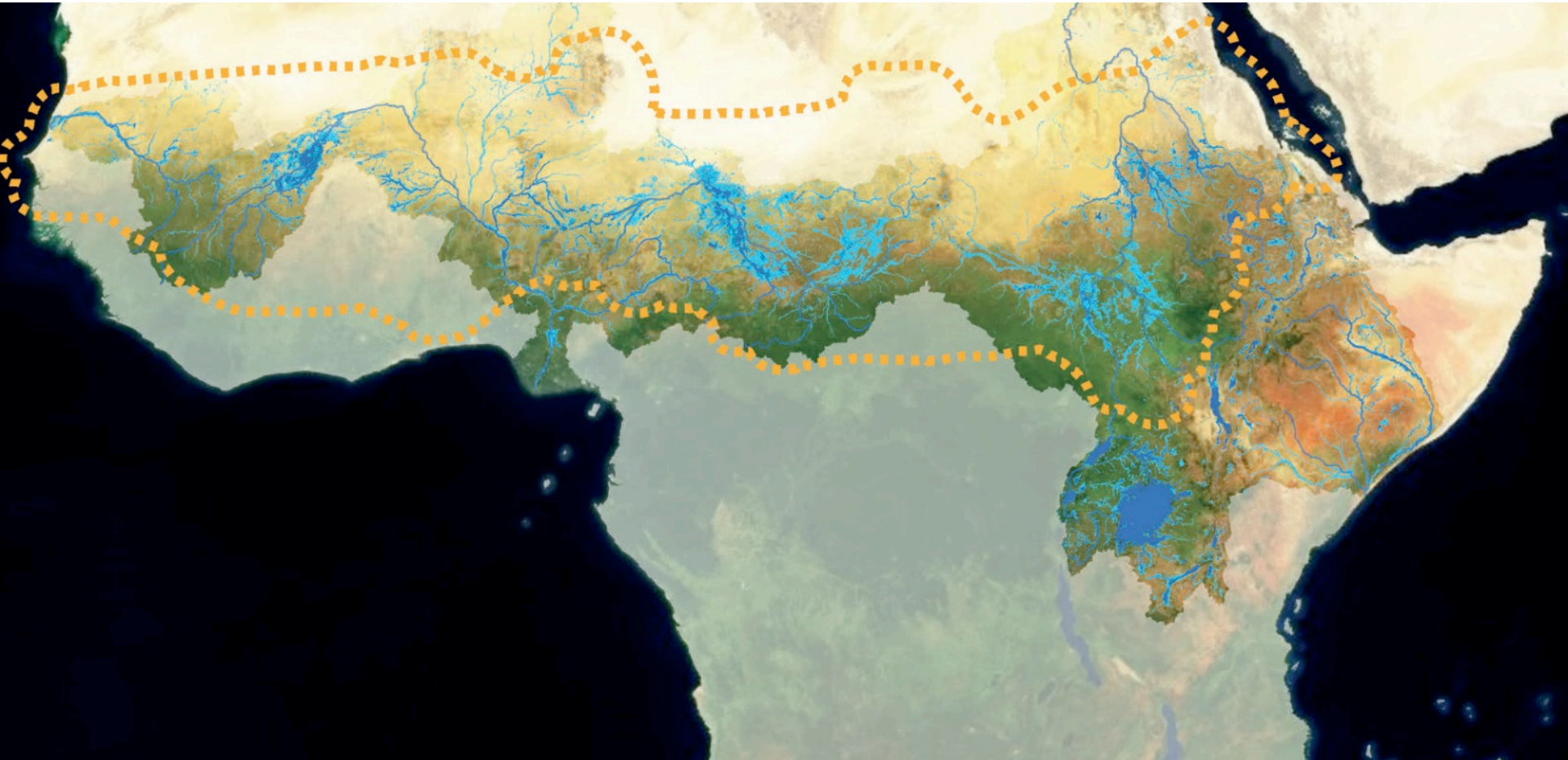
How Wetlands Support Achievement of the SDGs



The role of wetlands is often overlooked



Important to see the bigger picture



Crisis of diminishing wetland resources

Inner Niger Delta, Mali



2009

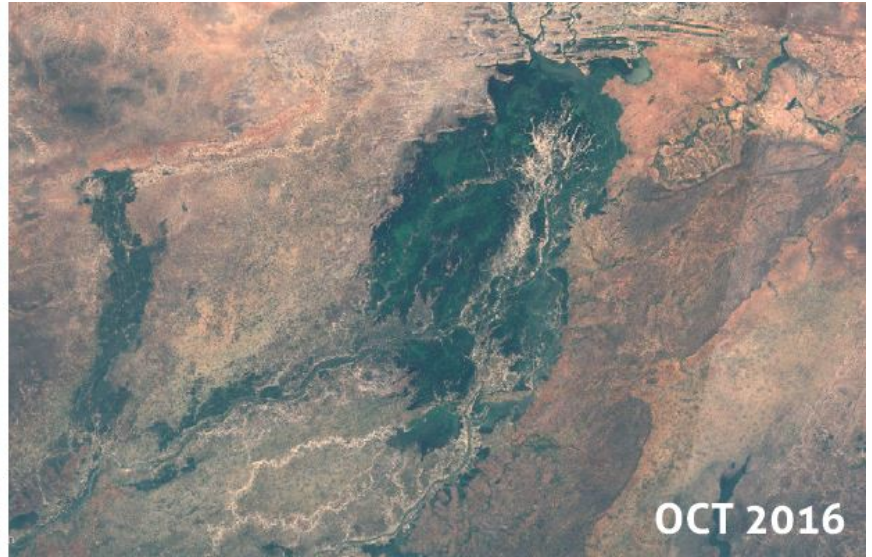
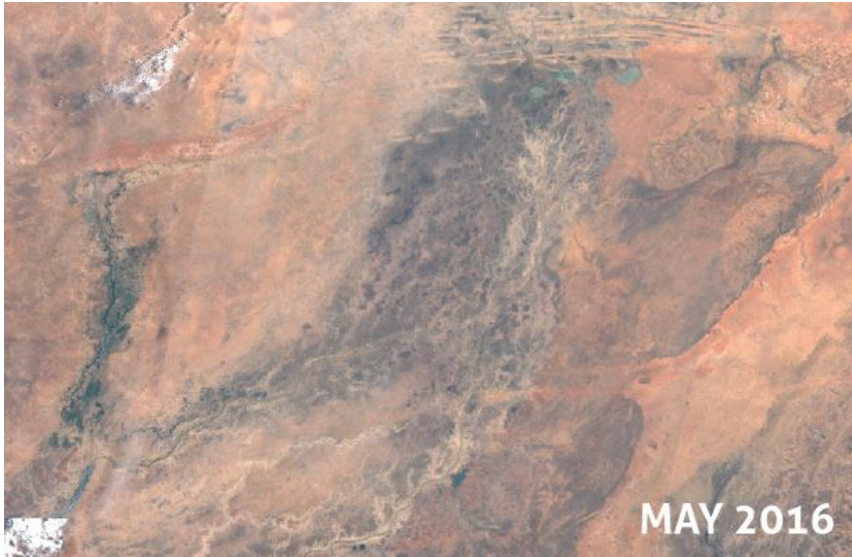


2010



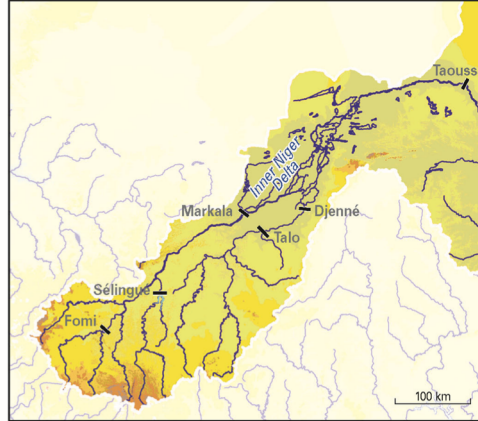
2011

Inter-dependency of wetlands and drylands

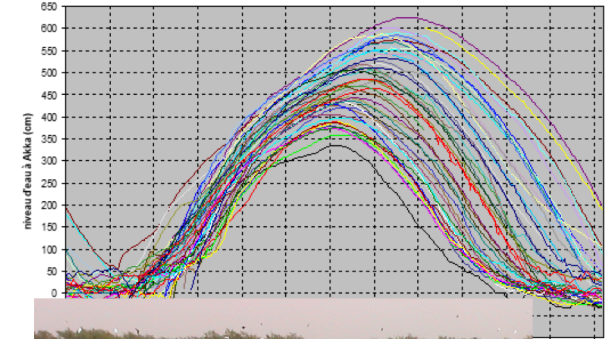


Inner Niger Delta: can we prevent ecosystem & social collapse?

The Problem



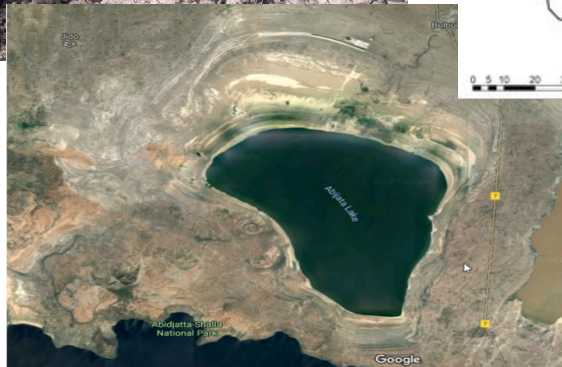
What's needed



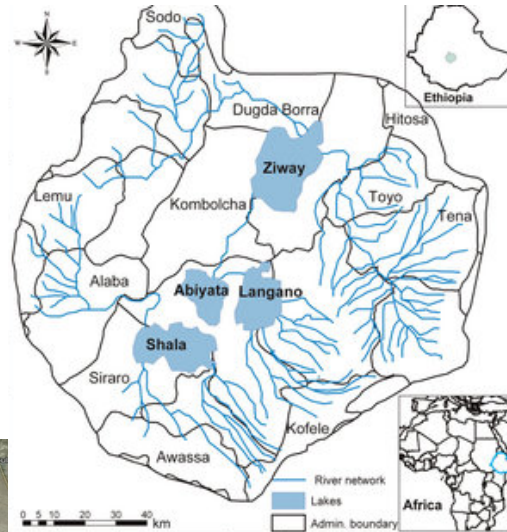
Brokering integrated solutions

e.g. Central Rift Valley, Ethiopia

The Problem

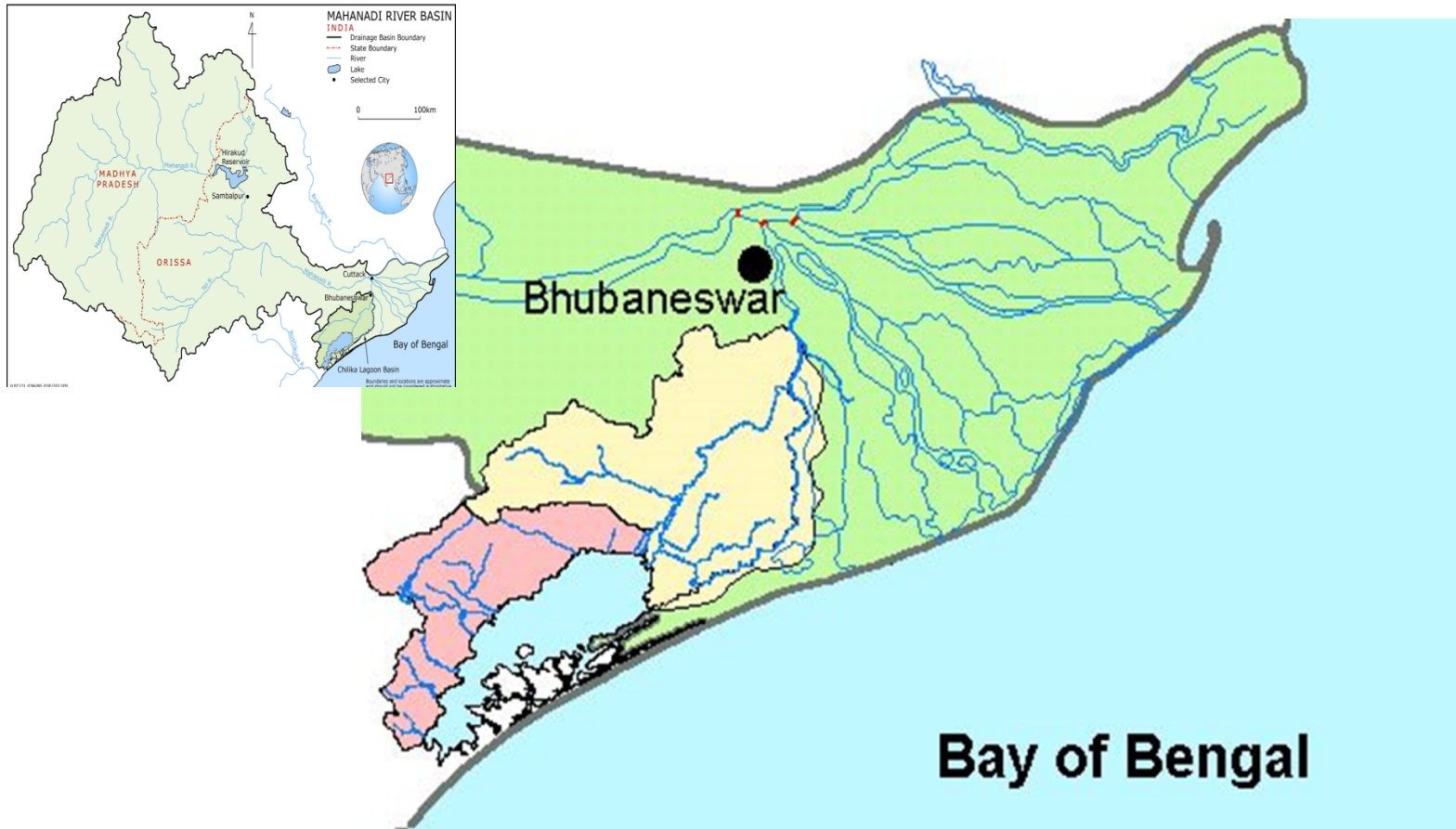


What is needed



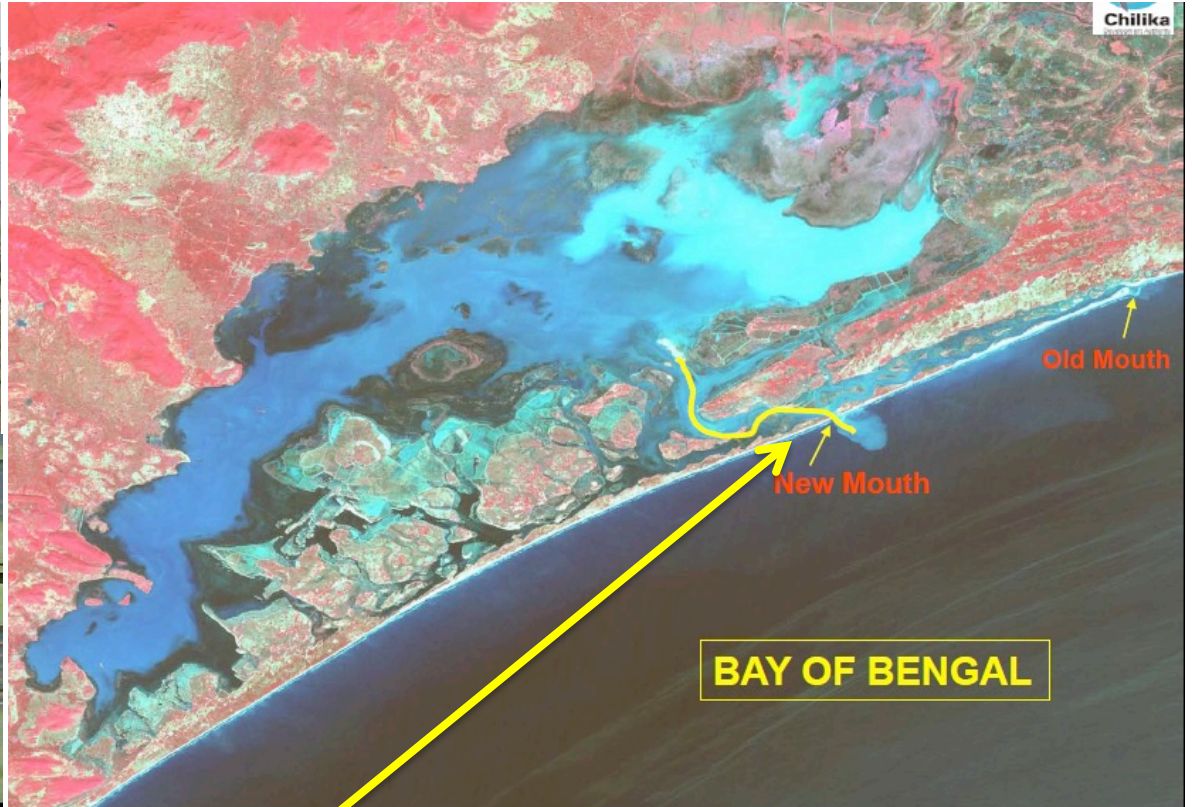
Reversing system collapse

Example: Chilika Lagoon, Mahanadi delta, India



Rehabilitation of Chilika Lake : well worth the investment!

Ecological collapse: 400,000 farmers & 200,000 fishers affected



Re-connection with the sea

with Chilika Development Authority

Can we engage all sectors at all scales to keep rivers in good ecological condition?



**The Vjosa River, Western Balkans, Europe: 69 fish species that occur nowhere else;
40% of Europe's endangered species of freshwater molluscs**

Multiple causes - massive impacts



Hope for eel from joined up solutions?

- *Can we overcome the physical and sectoral barriers?*
- *Is there a package of solutions backed by all stakeholders at all scales?*
- *Are there sufficient policies and regulations to underpin these?*



Thanks for connecting!

