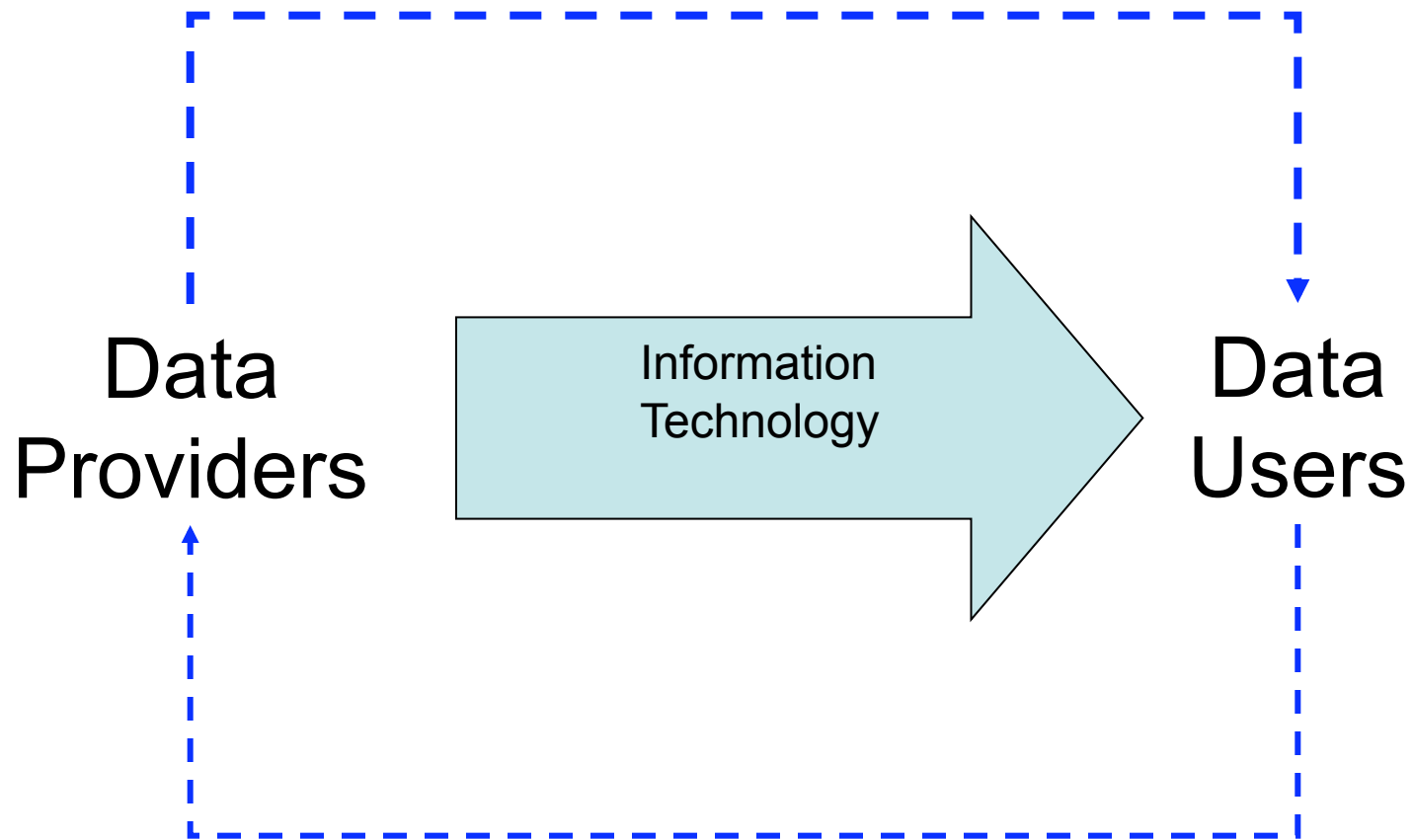


Planning ahead

Dora Ann Lange Canhos

CRIA (www.cria.org.br)

Make it simple & easy ...



Data

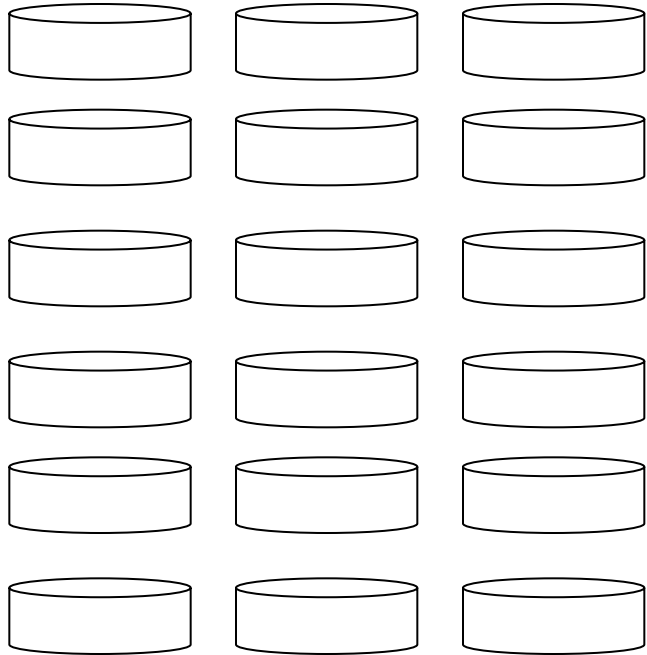
- Genes to ecosystem
- Species
- Specimen
- Satellite
- Monitoring systems: change over time
- Bits and terabytes
- People's data, machine data
- Interoperable
- and EASY

Users - Uses

- Research
- Education
- Policy
- Decision
- Resolution of conflicts
- Global
- Regional
- National
- State
- Municipality
- Local

Different: stakeholders, scales, languages, uses

Conforming to internationally accepted standards and protocols

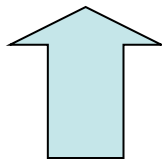


Make it easy

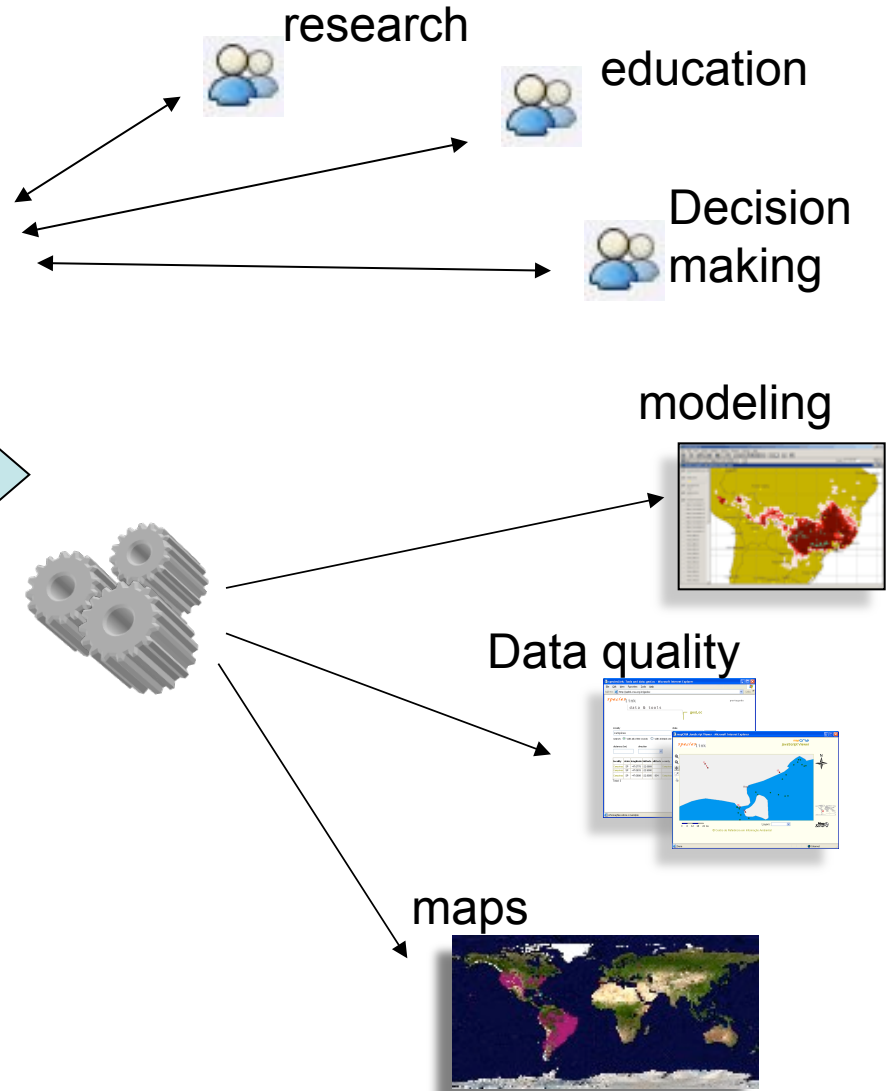


Data output

Data input



Make it easy



Is it possible? Is it “doable”?

- Step – by – step approach
- Scalable architecture
- Strategy for each component: from simple to complex

“...providing single-time presence/absence data creates a demand for time series abundance, which leads to a need for information on interspecific interactions and functional attributes”. Bob Scholes

To do list...

- Digitize existing information
- Policies and strategies for data that is born digital
- use – develop standards and protocols to link information across scales and disciplines
- Capacity building
- Serve data that is useful in a usable format

Data sharing

Does not depend only on the will to share data ...

- It must be planned: adequate resources, expertise, infrastructure
- Must be organized: data models, controlled vocabulary, communication protocols, ...
- Must be easy or at least “doable”
- Must have a compatible data policy: free and open access to non sensitive data
- Think locally and act locally addressing your own requirements and needs and “look and interact” globally to perceive opportunities and threats, lessons learned, expertise ...

Sharing

- Share data, experience, and expertise
- “Stand on giants” and let others “stand on you”

Thank you

dora@cria.org.br