

Presentation 1.2a

Data Requirements

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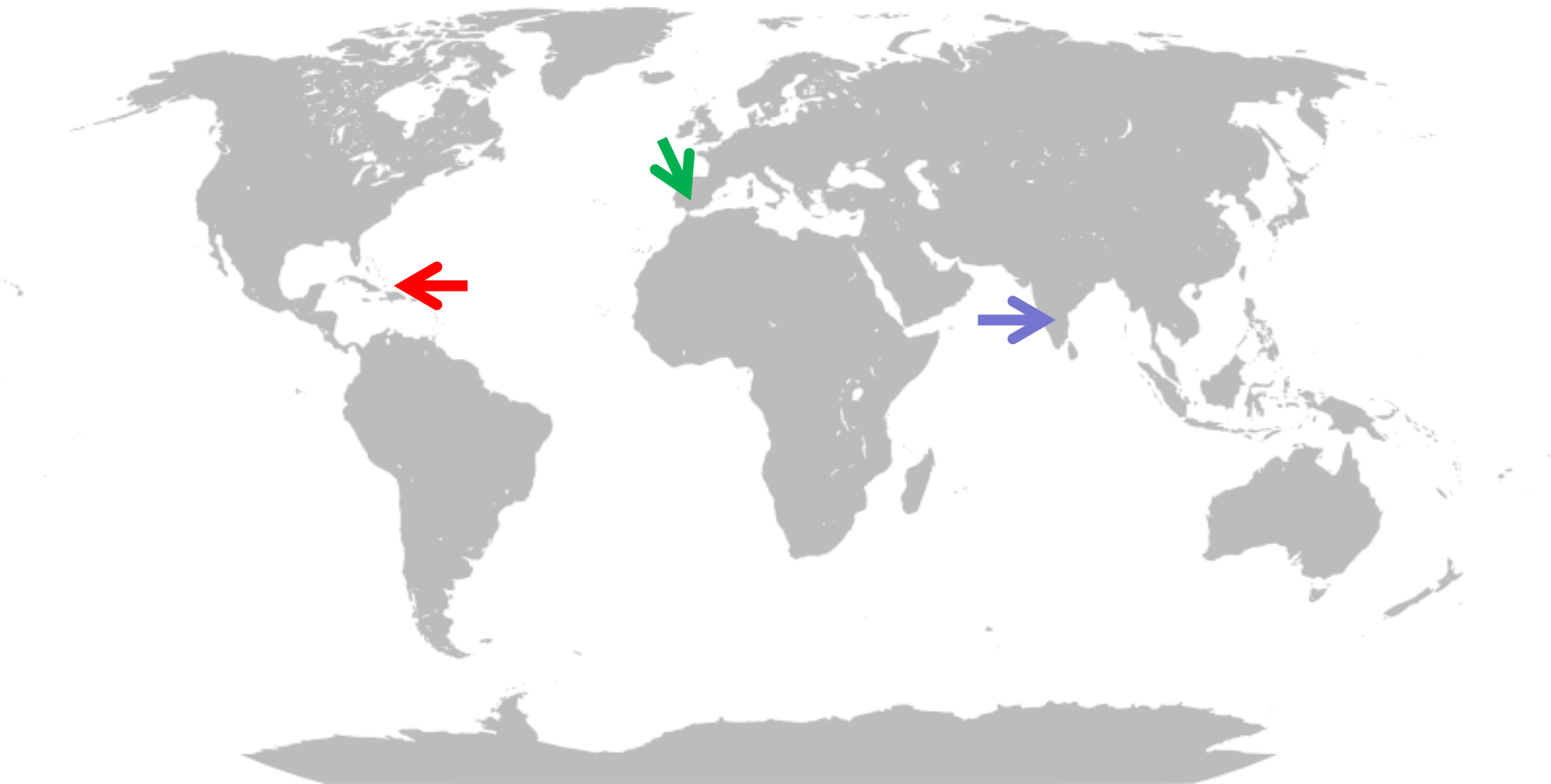
1) Why bother about data?

2) Eye-opening exercise

Why make informed decisions?



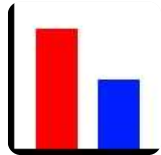
„For the execution of the voyage to the Indies,
I did not make use of intelligence,
mathematics or maps“



Yes! Data-driven analysis turns “opinions” into reliable information that is:

- 1. Holistic:** Multi-layered databases help identify relationships between different factors
- 2. Transparent:** data establish a common and objective base for discussing with different stakeholders (and interests),
- 3. Accountable:** Accurate data and analytical results justify and back up SEA recommendations,
- 4. Replicable:** Data-driven analysis maintains its quality when transferred or repeated

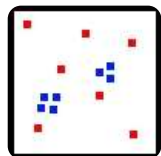
What information do I need?



Magnitude



Trend



**Location /
Distribution**



Association

Statistical data
(e.g. spreadsheets,
databases)

**Location
adds value
to
statistical data!**

Geographical data
(e.g. GIS files,
Geodatabase,
Web-Map Server)

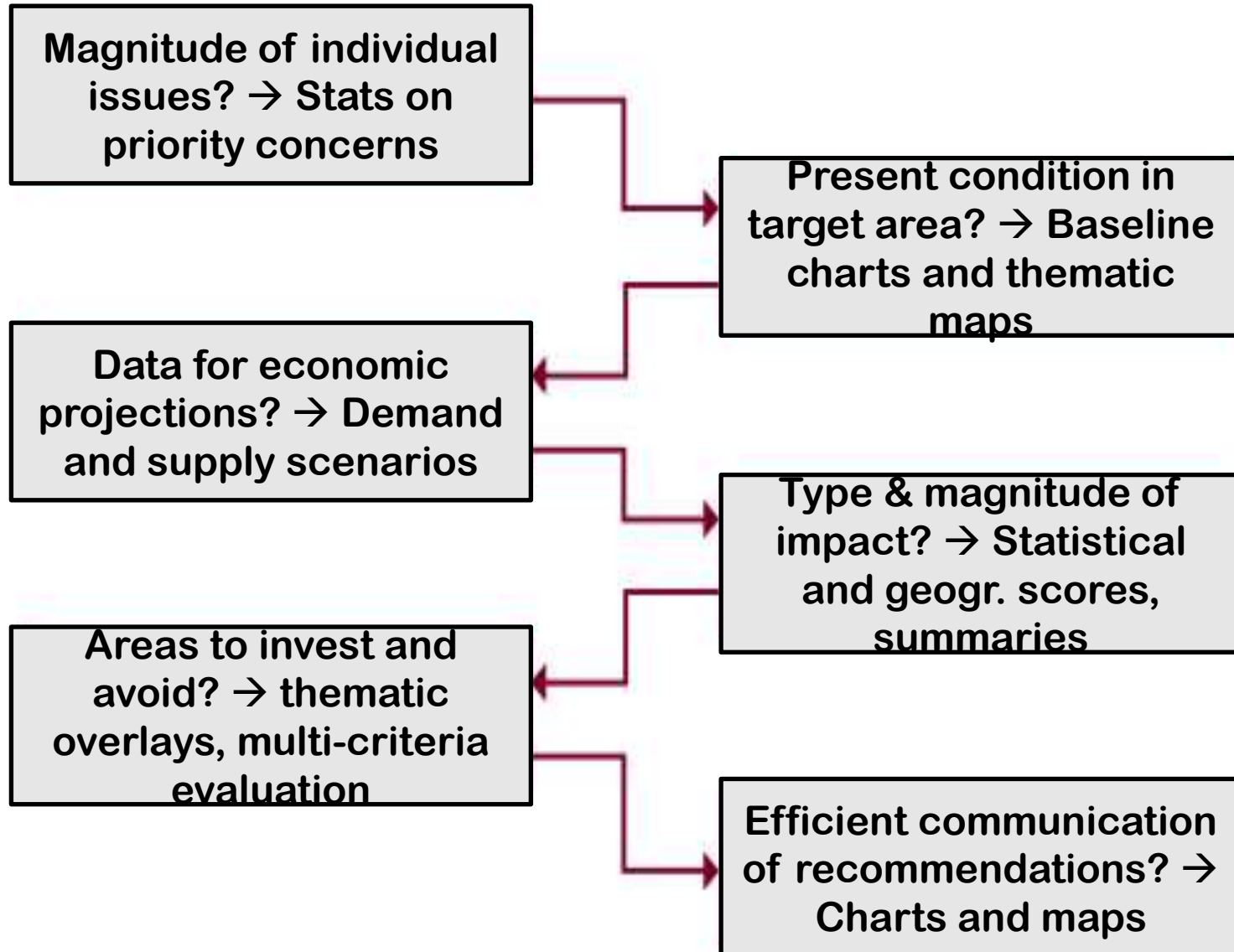
Does my plan need maps?



Plan	Spatial?
Land Use Plan	yes
Power Development Plan	yes
Tourism Plan	yes
Socio-Economic Development Plan	yes
Transport Sector Plan	yes

...most plans or projects have different levels of geographic content and relation!

Where is it needed?



... Depends on 1) the plan or project analyzed and 2) the specific geographic setting and 3) the priorities of the stakeholders. Topics:

Environmental assets, condition and risks

Socio-demographic characteristics and related vulnerabilities

Economic parameters and dependencies



- 1. Government agencies (National Statistics Offices, Sector Ministries),**
- 2. Research organizations / universities (e.g. Columbia CIESIN),**
- 3. Development organizations (e.g. ADB, WB, UNEP, FAO etc.),**
- 4. Non-governmental organizations and think-tanks (e.g. WWF, SEA START),**
- 5. Raw data producers (e.g. NASA, GISTDA)**

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THANK YOU!