

Panel discussion: E-Flows in water resources management – status quo, benefits and challenges globally and in India

Workshop

Environmental Flow Assessments and Implementation: An International Perspective

Exchanging Indian, European and International Experiences

Delhi, India

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Southern Waters
South Africa

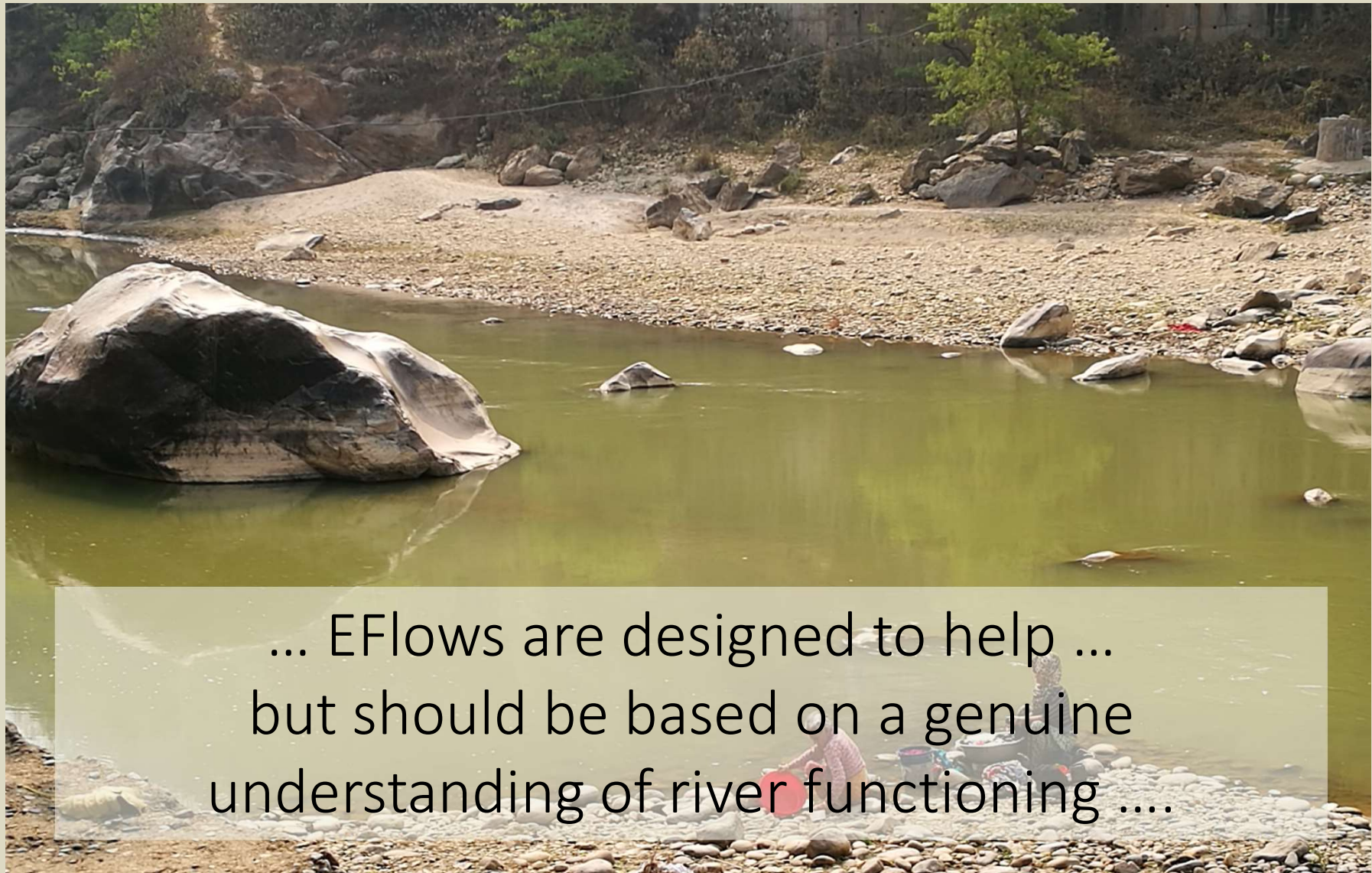


When we interfere with rivers,
they change ...



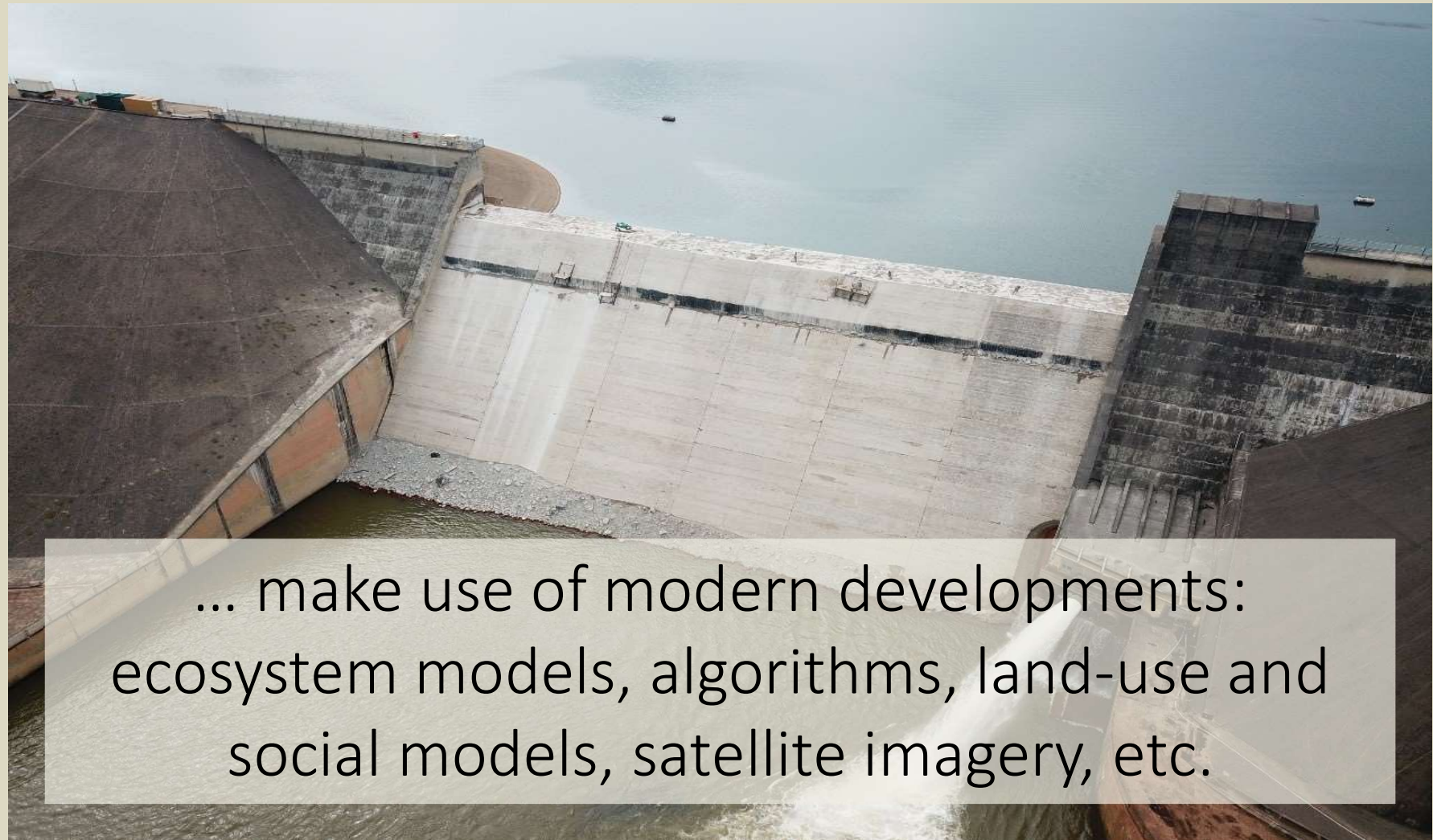
...we can manage the change ...
or be left with unwanted change ...

... too precious to leave to chance ...



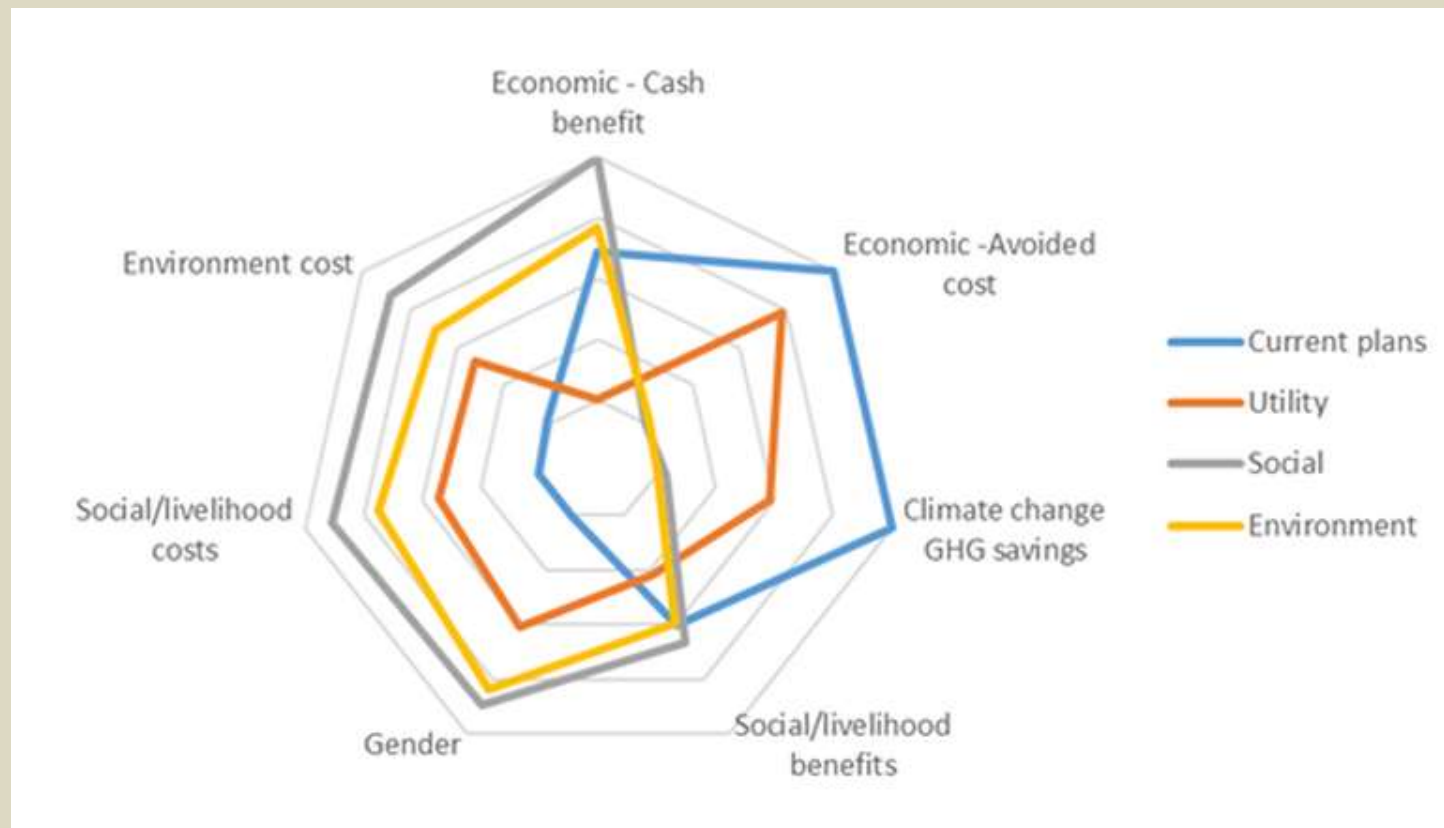
... EFlows are designed to help ...
but should be based on a genuine
understanding of river functioning

... needs specialist teams to advise,
just as does building a dam ...

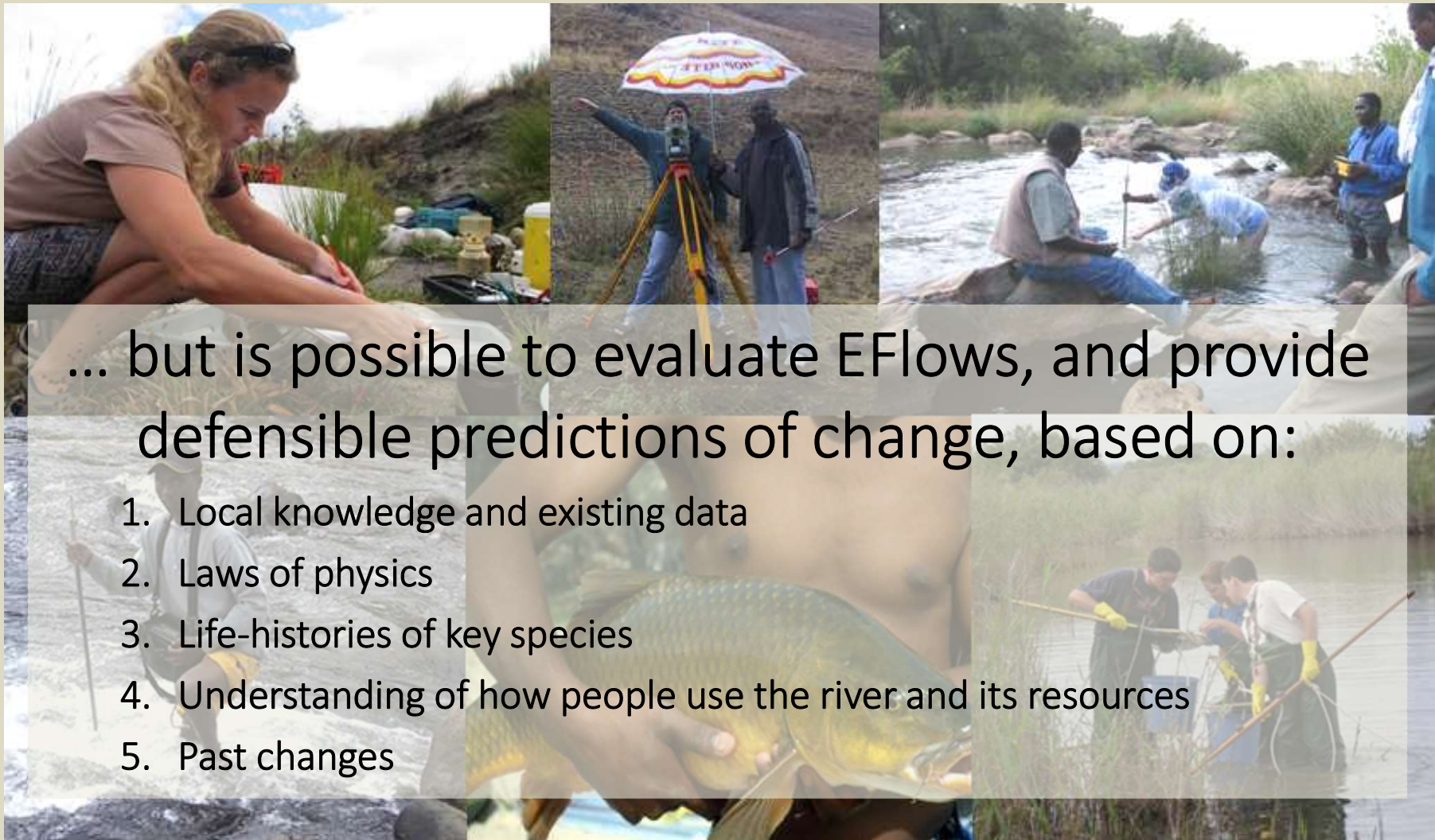


... make use of modern developments:
ecosystem models, algorithms, land-use and
social models, satellite imagery, etc.

... present eco-social info at the same level of detail, structure and confidence as economic, engineering and hydrological models ...



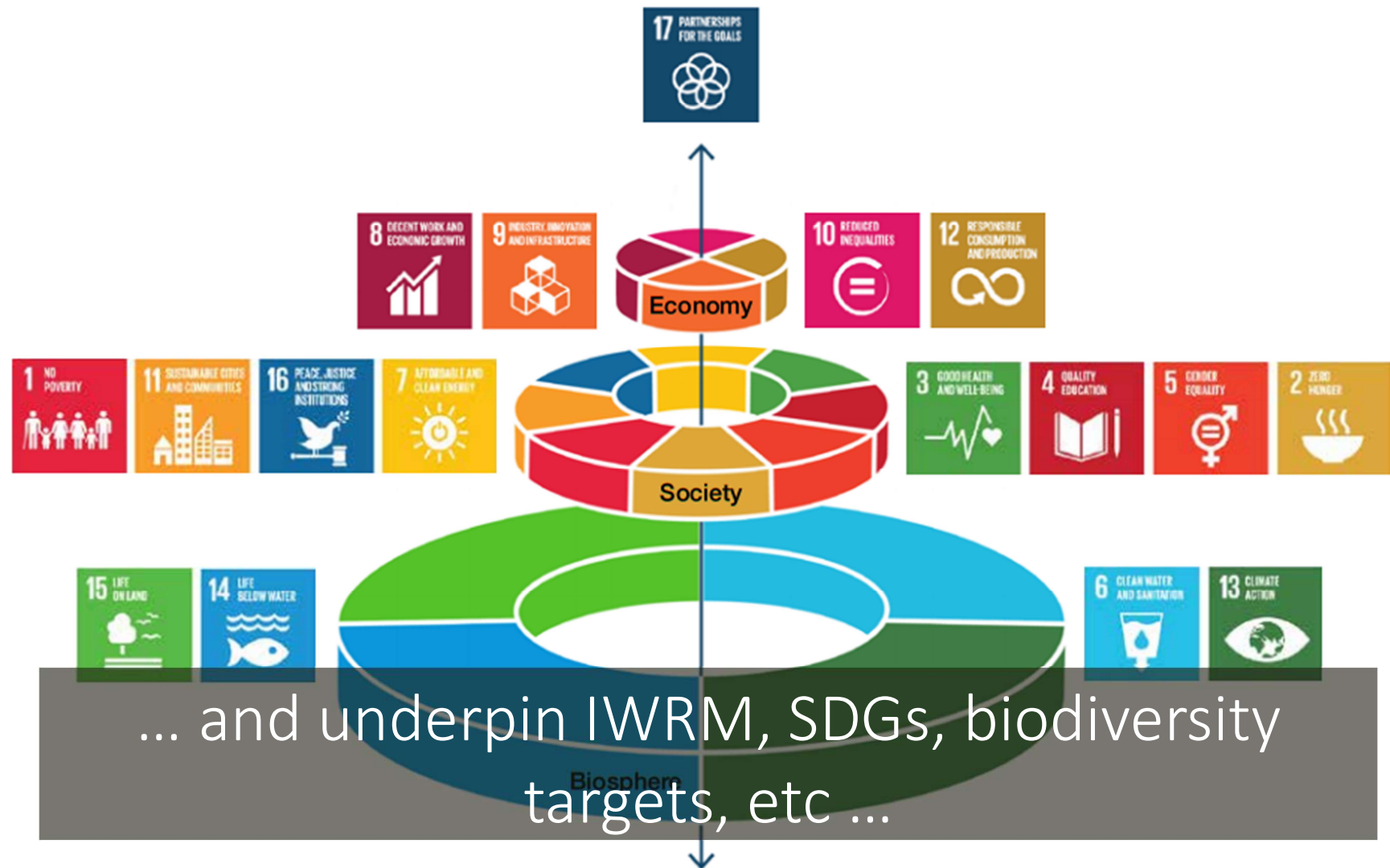
... the better the data, the better the outcome ...



... but is possible to evaluate EFlows, and provide defensible predictions of change, based on:

1. Local knowledge and existing data
2. Laws of physics
3. Life-histories of key species
4. Understanding of how people use the river and its resources
5. Past changes

... support stakeholder dialogue ...



... do this as early as possible ...



... up front as input to development or restoration decisions is better than as a reaction to damage ...

Thank you

