



Möjliga framtider – framtida möjligheter

Camilla Sandström, Umeå universitet



www.ipbes.net



Food and Agriculture
Organization of the
United Nations



empowered lives.
Resilient nations.

Styrning för Transformation

(transformation governance)

1. **Omfattande förändringsprocesser, kan vara abrupta, men pågår ofta i decennier.**
2. **Baseras på ett identifierat behov av förändring.**
3. **Liknar "adaptive governance" men kräver även ledarskap, innovation, engagemang, uthållighet.**
4. **Förutsätter högre risktagande, investeringar i legitimitet, nya ekonomiska och sociala (makt-) strukturer.**

Integrative, adaptive, informed and inclusive governance approaches including smart policy mixes, applied especially at leverage points

MULTI ACTOR GOVERNANCE INTERVENTIONS (LEVERS)



- Incentives and capacity building;
- Cross-sectoral cooperation
- Pre-emptive action
- Decision-making in the context of resilience and uncertainty
- Environmental law and implementation

LEVERAGE POINTS

- **Embrace** diverse visions of a good life
- **Reduce** total consumption and waste
- **Unleash** values and action
- **Reduce** inequalities
- **Practice** justice and inclusion in conservation
- **Internalize** externalities and telecouplings
- **Ensure** technology, innovation and investment
- **Promote** education and knowledge generation and sharing

INDIRECT DRIVERS

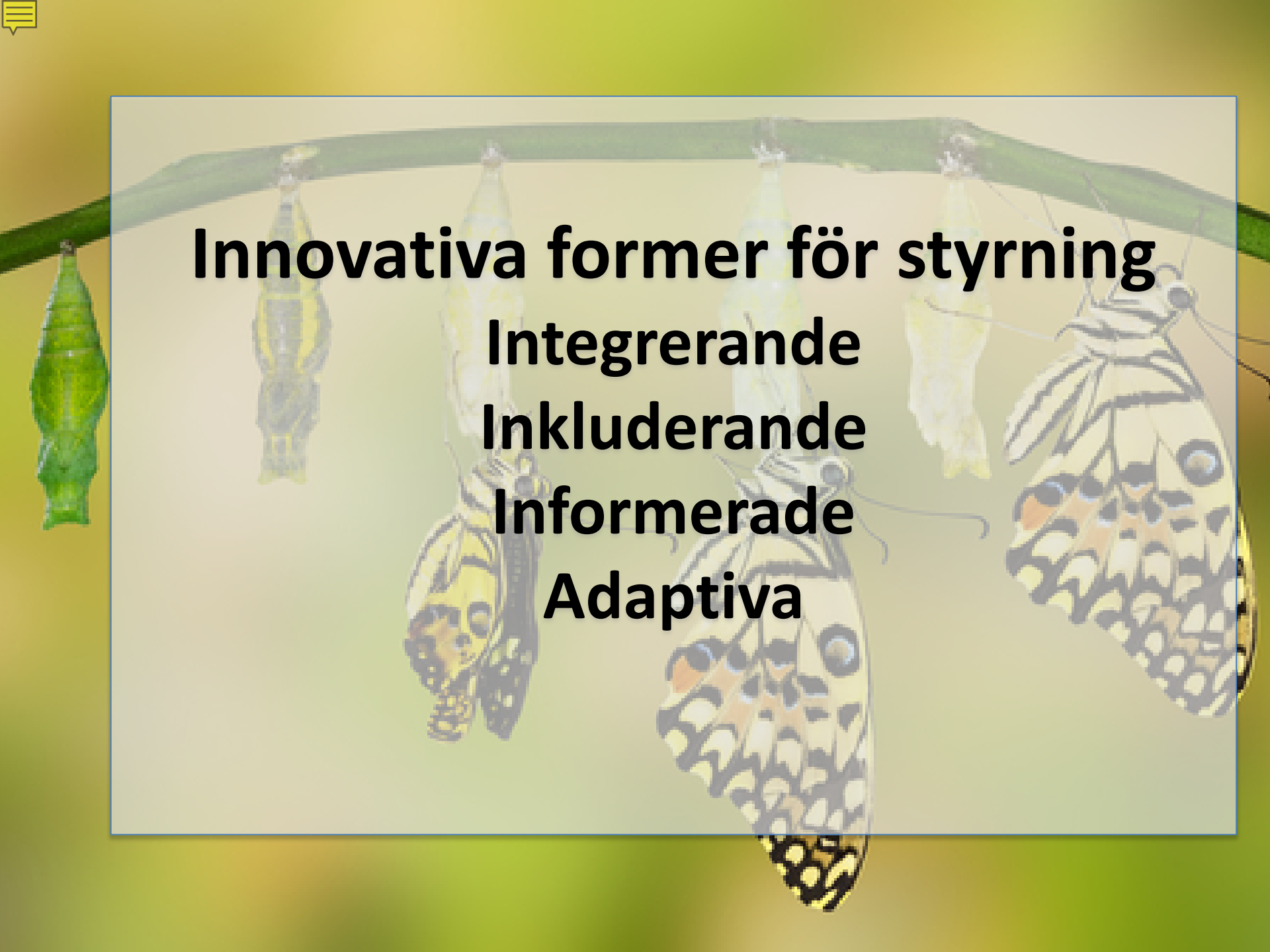
Human activities

DIRECT DRIVERS

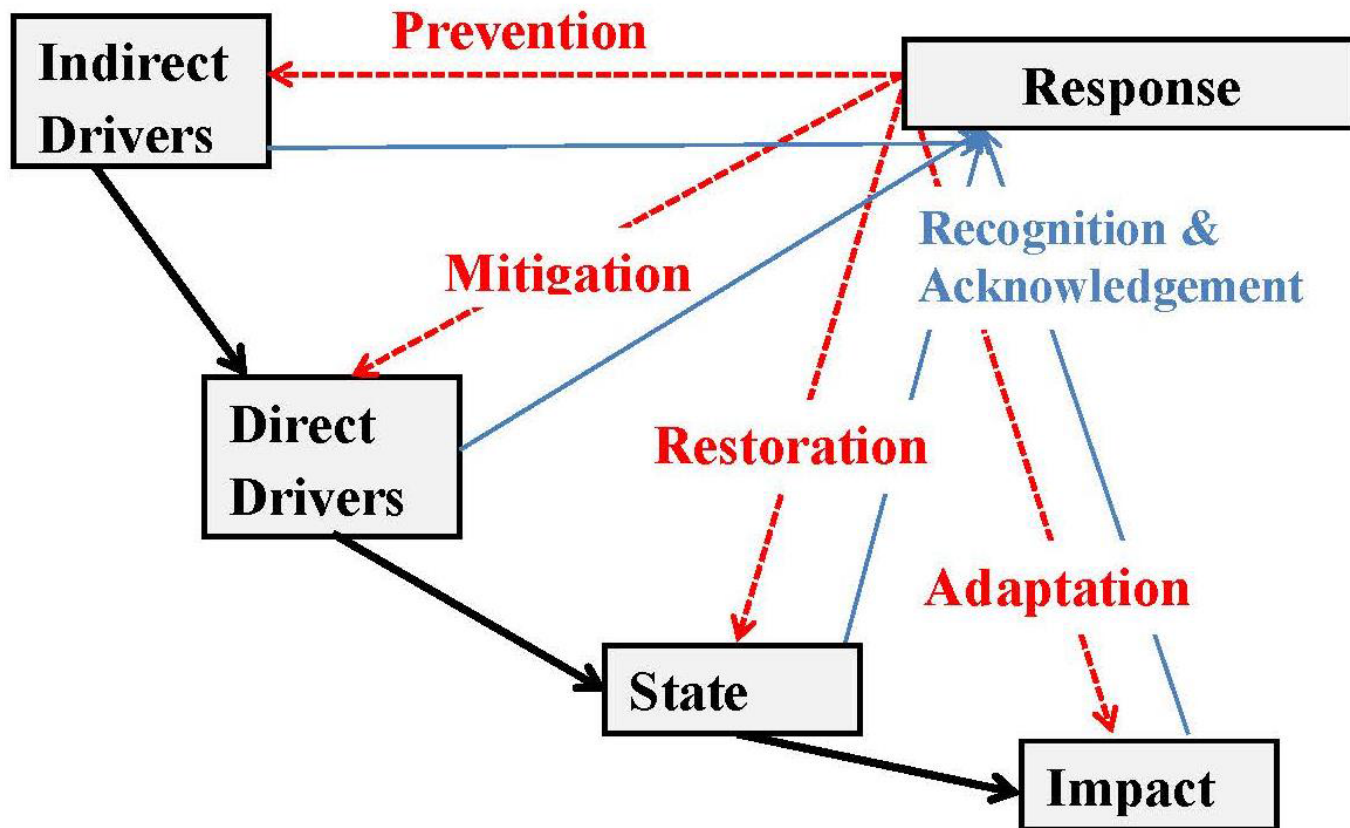
Values and behaviours	Demographic and sociocultural	Examples: Fisheries Agriculture Energy Forestry Mining Tourism Infrastructure Conservation etc.	Land/sea-use change
	Economic and technological		Direct exploitation
	Institutions and governance		Climate change
	Conflicts and epidemics		Pollution
			Invasive species
			Others



Iterative
learning
loop

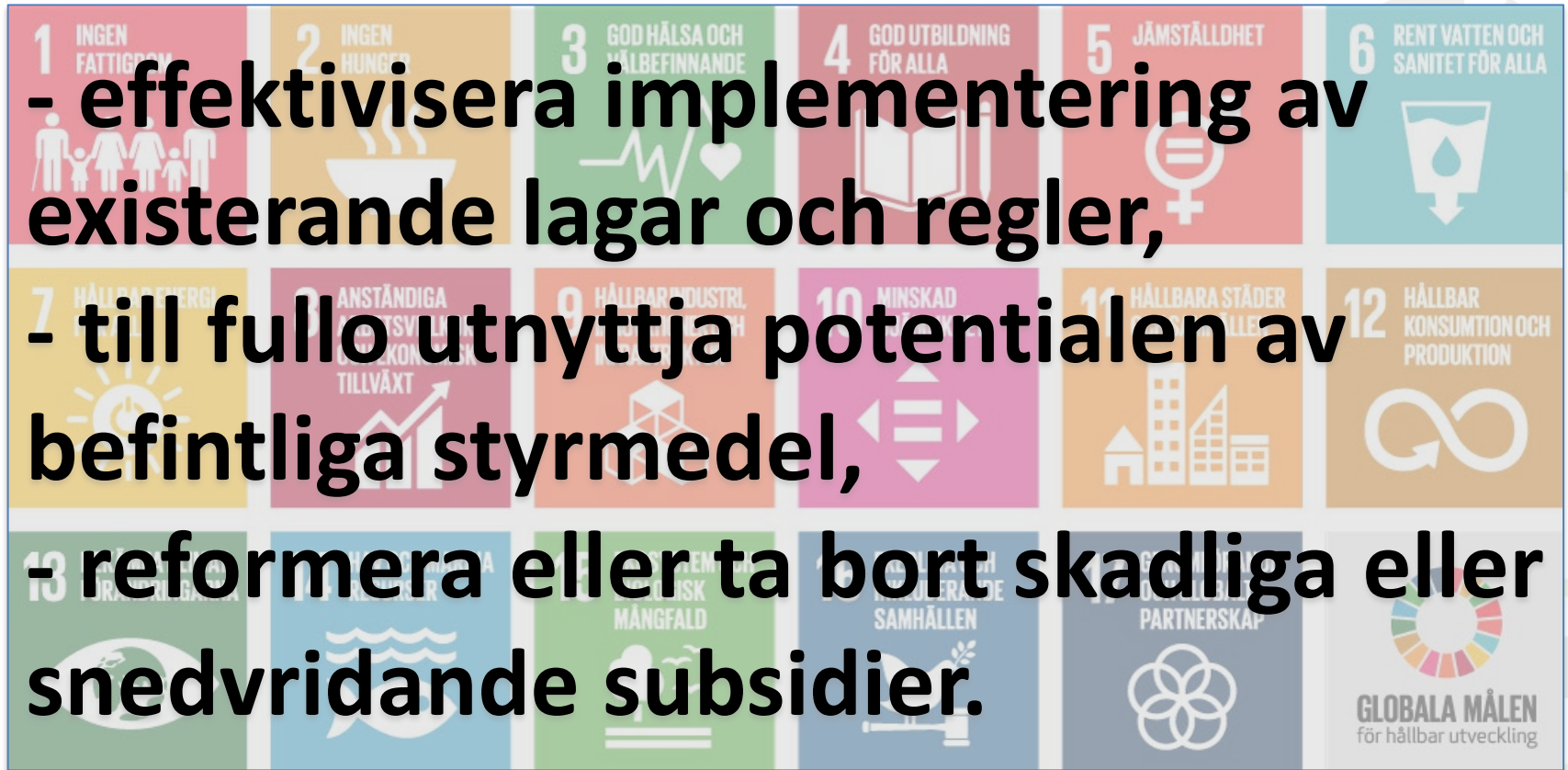
The background of the slide features a green branch with several butterfly pupae hanging from it. On the far left, a single green pupa is visible. Further along the branch, there are four more pupae, each with a different color pattern: yellow and black, yellow and white, and white. To the right of the pupae, two adult butterflies are shown. They have yellow wings with black and orange patterns, including prominent eyespots. The text is overlaid on a semi-transparent white rectangular area in the center of the slide.

Innovativa former för styrning
Integrerande
Inkluderande
Informerade
Adaptiva



På kort sikt, innan 2030

- effektivisera implementering av existerande lagar och regler,
- till fullo utnyttja potentialen av befintliga styrmedel,
- reformera eller ta bort skadliga eller snedvridande subsidier.



På kort sikt, innan 2030

1. (sektors)integrering och mainstreaming
2. Insamling och analys av data
3. Olika former av samverkan
4. Mer forskning



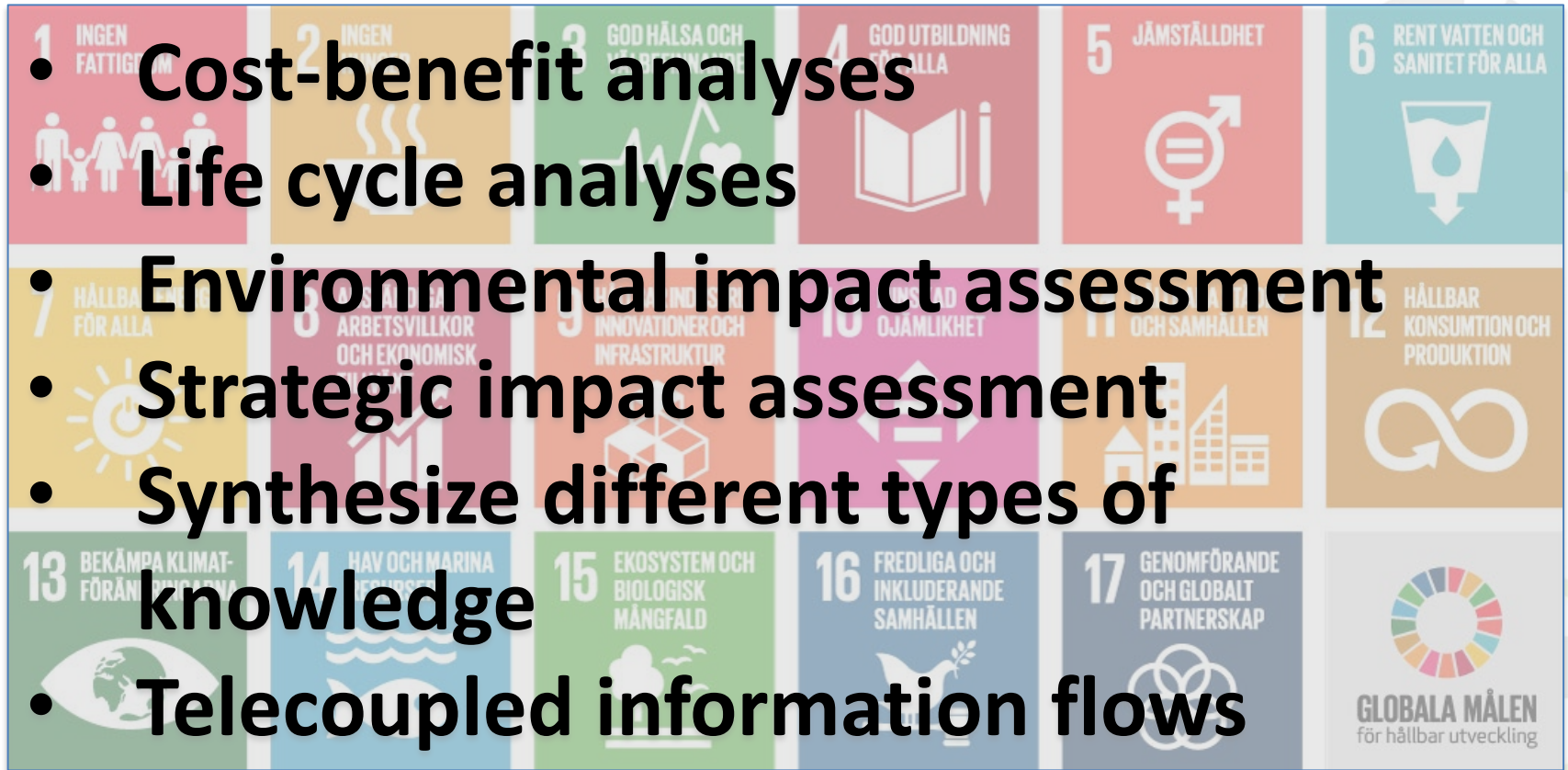
Integration

- **Integrated resources water management**
- **Integrated spatial planning,**
- **Integrated landscape approach**
- **Integrated coastal mangement**
- **Bioregional scales for energy**



Data-insamling och analys

- **Cost-benefit analyses**
- **Life cycle analyses**
- **Environmental impact assessment**
- **Strategic impact assessment**
- **Synthesize different types of knowledge**
- **Telecoupled information flows**



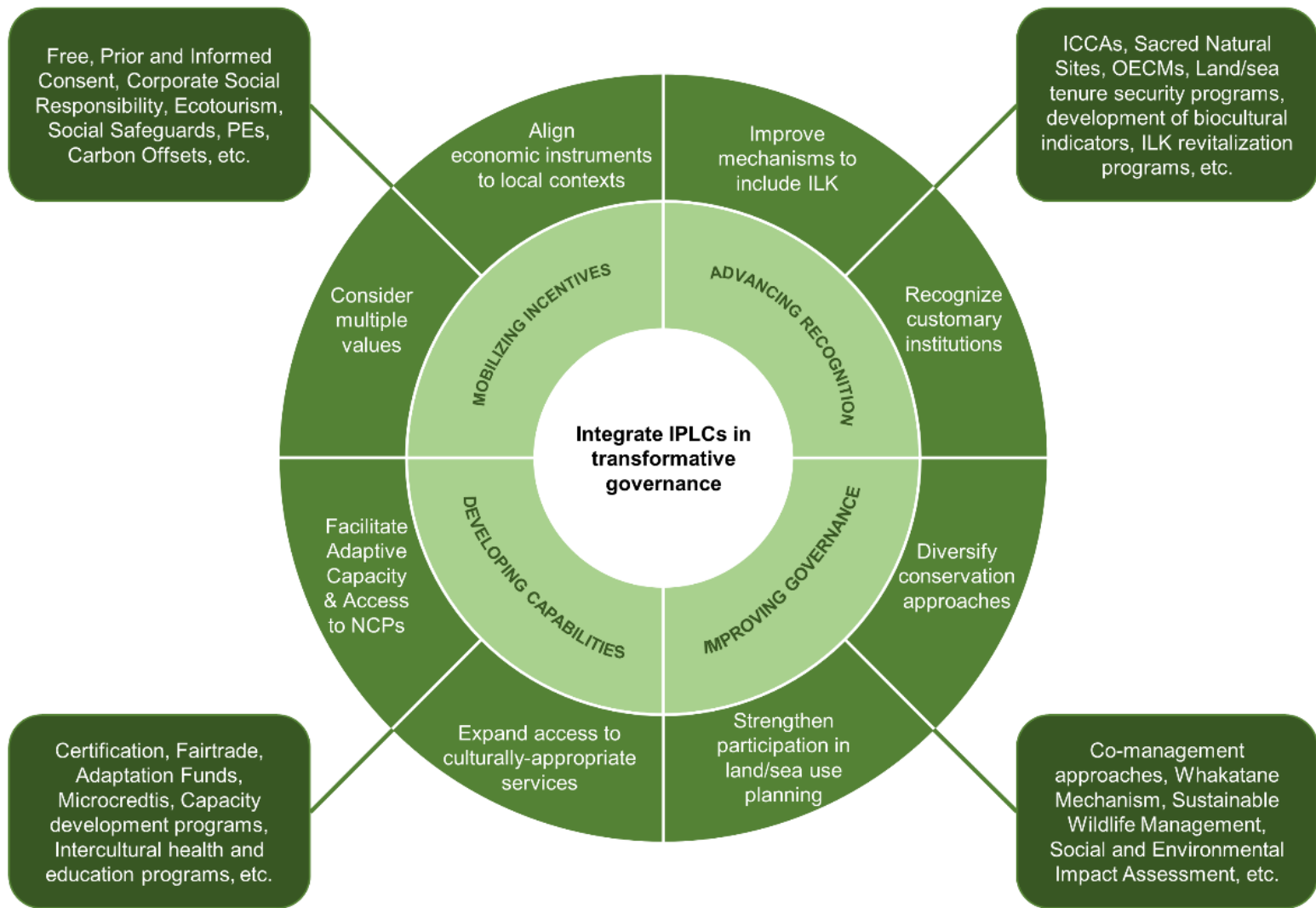
Dialog och samverkan

- **Public private partnerships**
- **Multi-stakeholder collaborative approaches**
- **Co-management**



Erkänna urfolk och lokalbefolkningars roll och kunskap





På längre sikt – innan 2050

- Hållbar konsumtion och produktion
- Hållbara matsystem (land och vatten)
- Hållbart vattenanvändande
- Hållbara städer
- Hållbara finansiella och ekonomiska system



Tack!

08/11/2019