





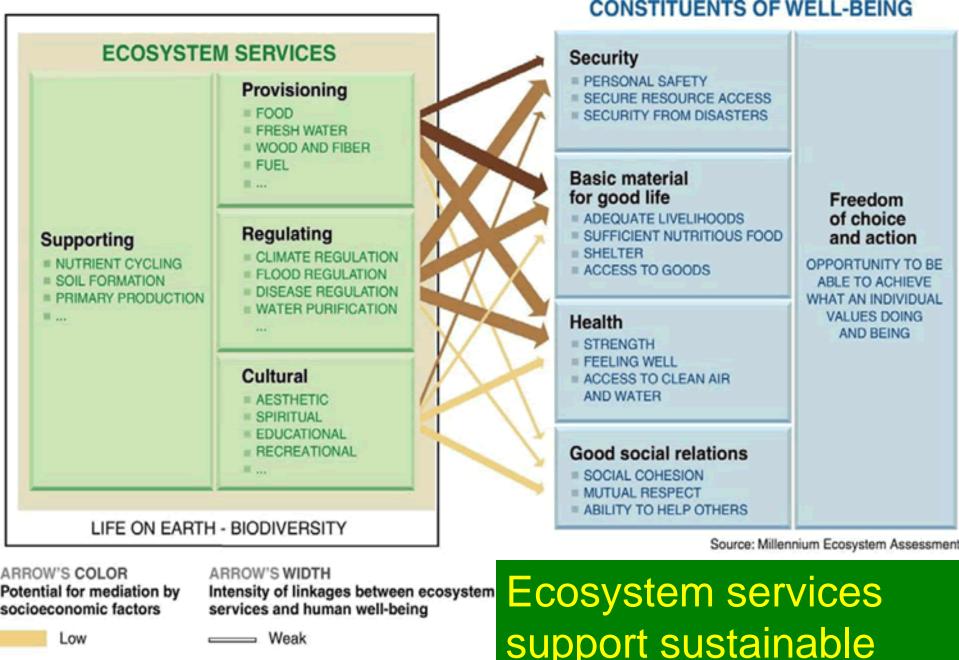


Human infrastructure is a fact of life in the transboundary regions between southern China and its neighboring countries. Highways are part of the GMS Economic Corridors, and of China's "One Belt, One Road" strategy. The Economic Corridors need to be balanced by Transboundary Ecological Corridors.



The CBD's Aichi Biodiversity Targets provide strategic direction to GMS countries

Target 11 states: 'By 2020, at least 17 per cent of terrestrial and inland water areas ..., especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape.'



Medium

High

Medium

Strong

support sustainable development

How biodiversity helps support the "natural infrastructure"

Air quality

Pest & disease control

Watershed protection and regulation

Conservation of biodiversity Plant pollination

Carbon sequestration and storage

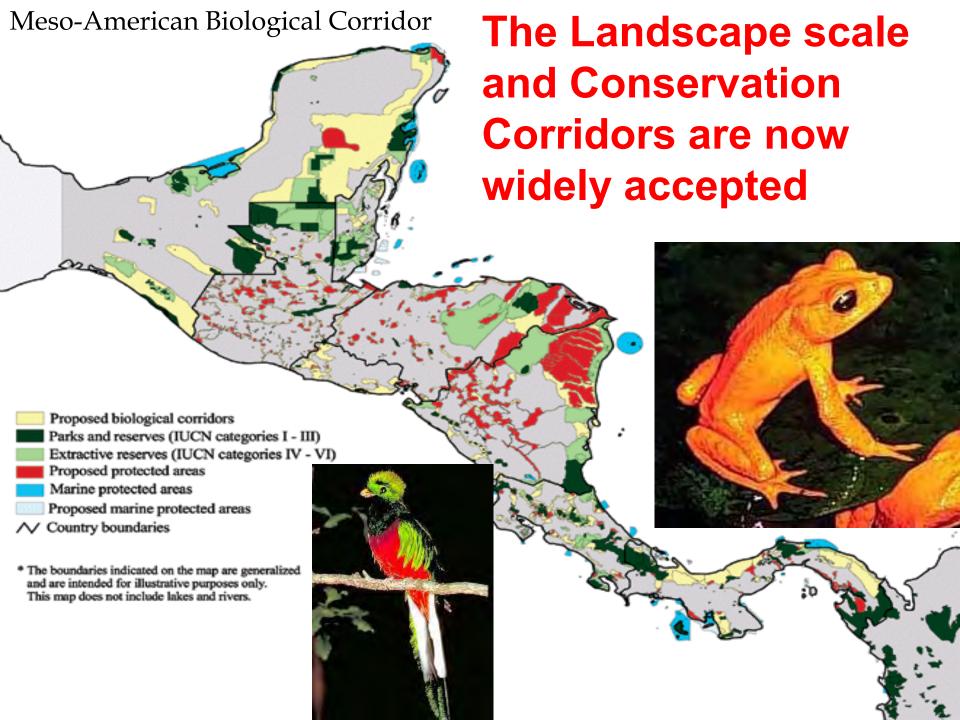
Soil formation and fertility

Decomposition of wastes

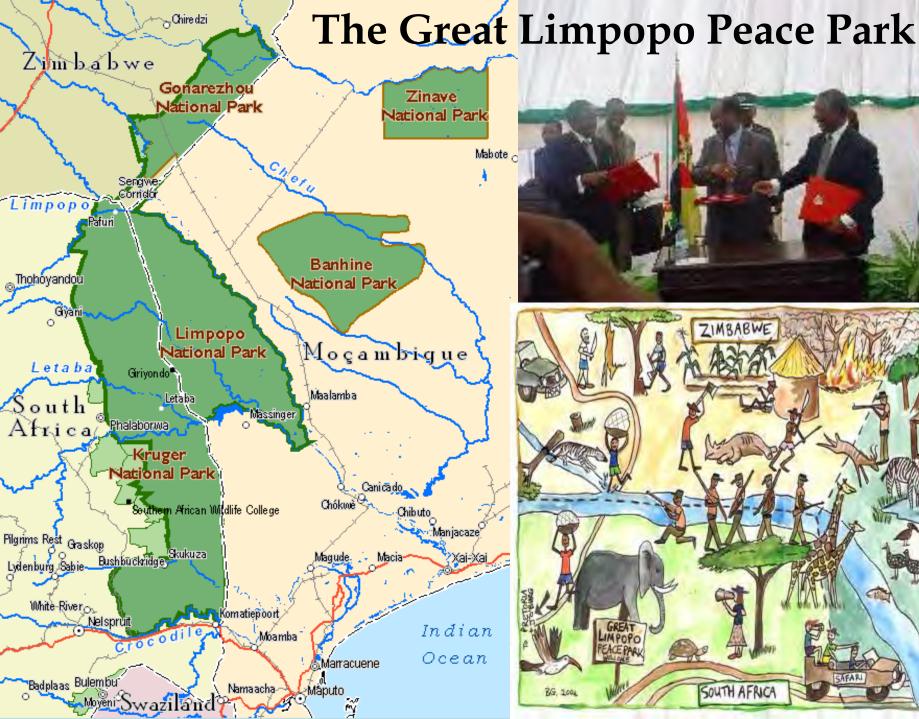
Landscape beauty



The benefits to people from ecosystem services can best be assessed at the landscape scale, and often transboundary too.

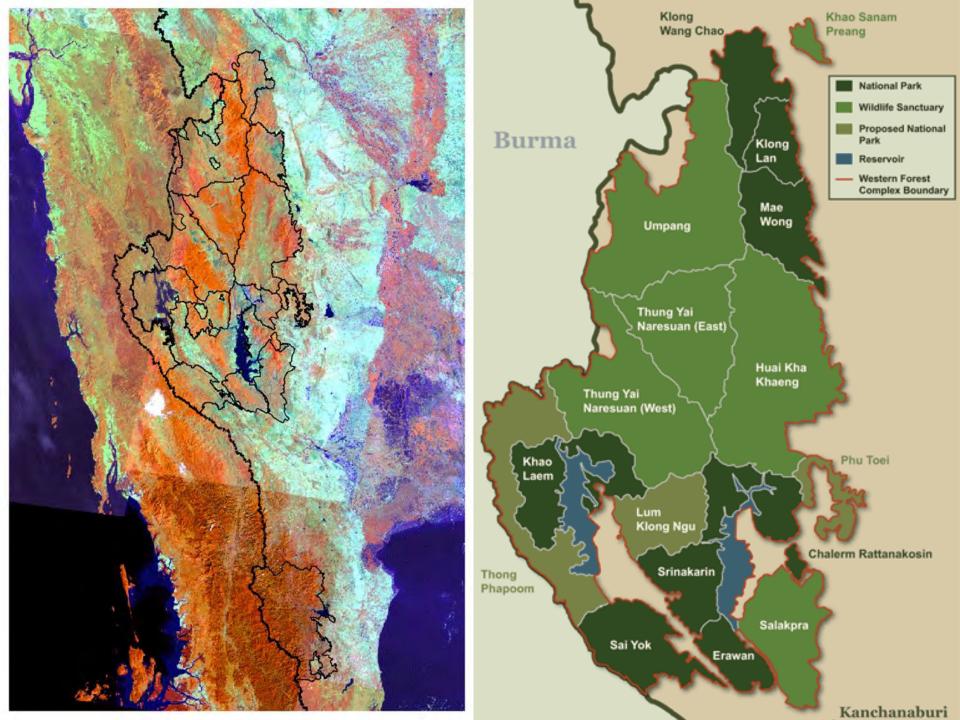


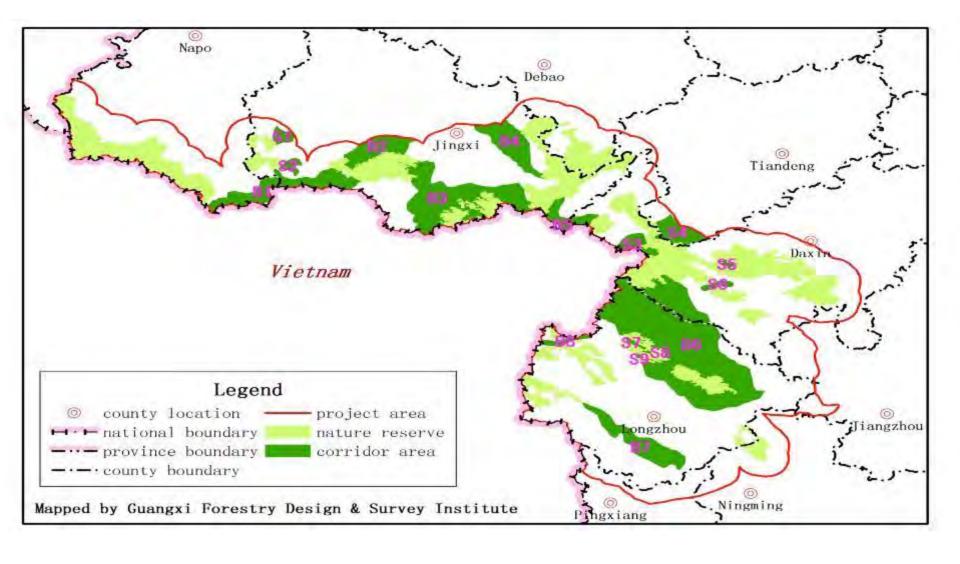




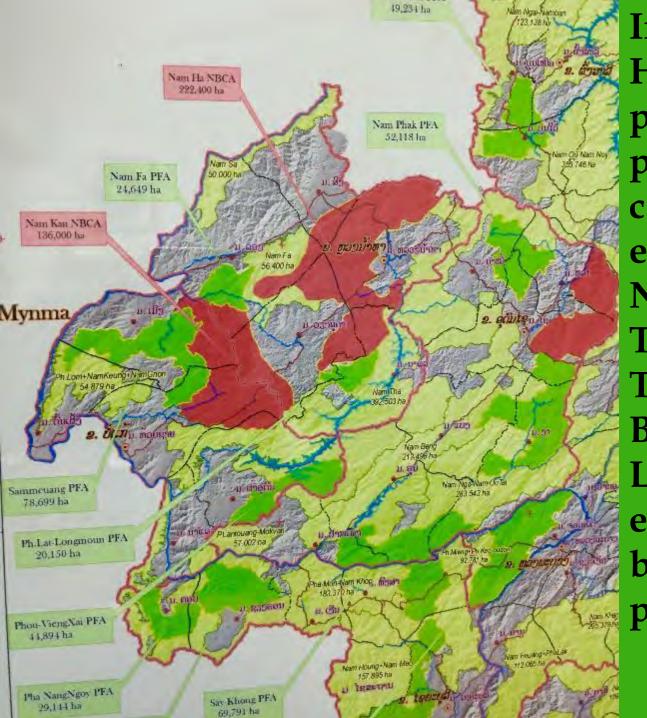








Protected areas provide the core of landscapes, and corridors connect them



In Lao PDR, Nam Ha NBCA is only part of the the provincial forest conservation efforts of Luang Namtha province. The **Transboundary Biodiversity** Landscape could extend well beyond the protected area.





Local level benefit: Clean drinking water. This has a price, but is the profit invested in conserving the PA that provides the service?



An exception is the Nam Theun Dam in Lao PDR

The Development Project



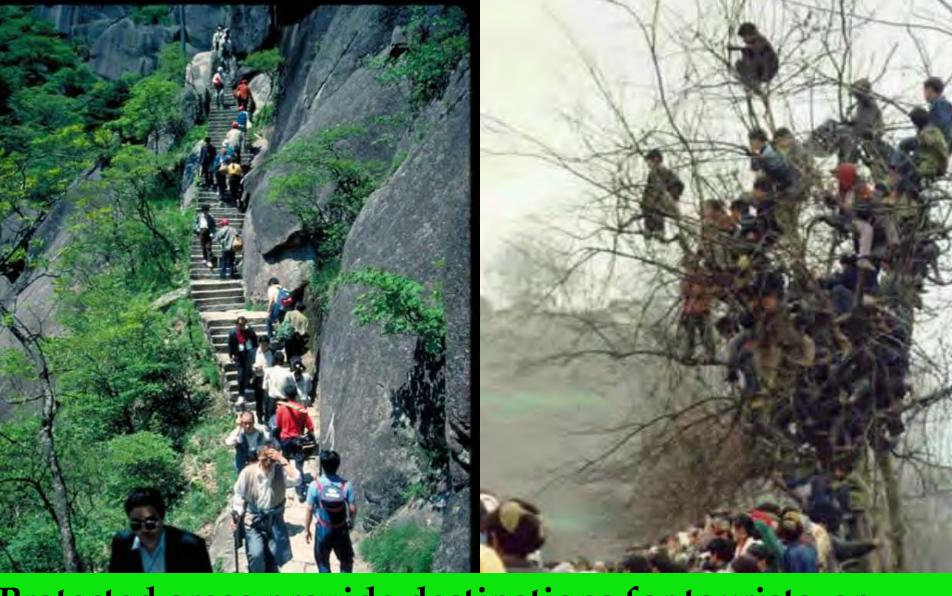
- Protection of the 4000 km² catchment area (National Protected Area)
- Resettlement of 1,240 families on the Plateau and commitment to increase their revenues
- Activities with 200 villages in downstream areas to compensate for and mitigate the impacts of the project







Ban Gioc (Cao Bang, Vietnam)- Detian (Guangxi, China) is a transboundary waterfall on the Quay Som-Guichun River that is an important tourist attraction for both countries and provides a demonstration of transboundary cooperation.



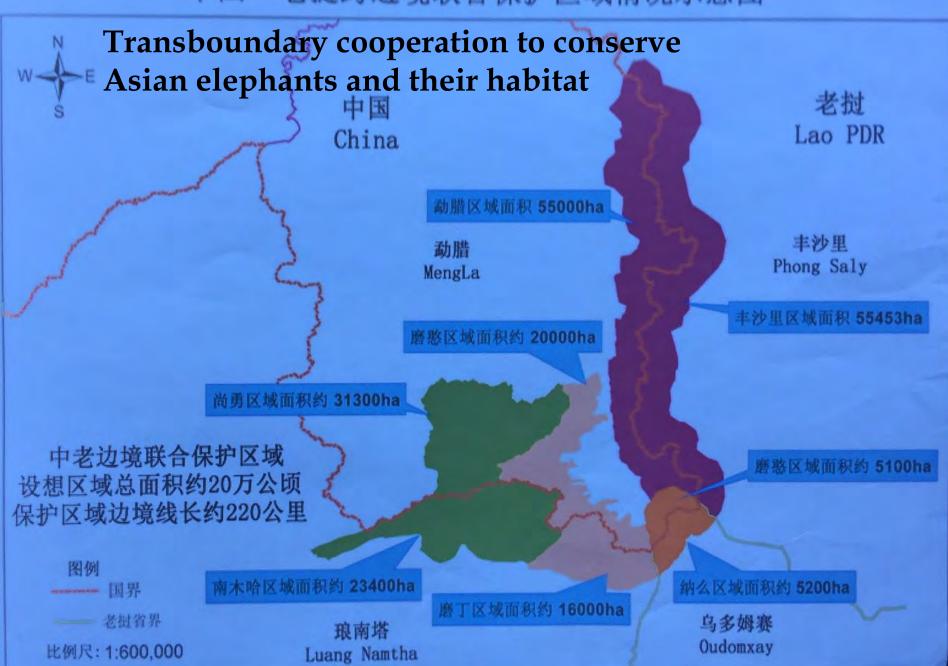
Protected areas provide destinations for tourists, an important ecosystem service that could benefit from transboundary cooperation.







中国一老挝跨边境联合保护区域情况示意图



ຫ້ອງການຮັກສາປ່າສຳຫງວລະດັບແຫ່ງຊາດກິ່ງແຂວງສືບສອງພັນນາ

西双版纳国家级自然保护区管理局 Xishuangbanna National Nature Reserve



ແຜນທີ່ເຂດຮ່ວມນີ້ຮັກສາຂ້າມແດນລະຫວ່າງສານຢອງ.ສປ ຈີນ ກັບ ຜູ້ເຫັ້າ .ສປປ ລາວ

中国尚勇——老挝南木哈跨边境联合保护区域 Shangyong, China—Namha, Lao Transboudary Joint-Protected-Area



Ihectare

China 商商区被回权的 31100 kg

Areas Vig/VV hectare
Yunnan and Luang Namtha transpoundary

protected area is part of this effort.



The Cao Vit Gibbon Nomascus nasutus is a Critically **Endangered species** found only in Bangliang NR (Guangxi) and the Cao Vit Gibbon **Conservation Area** (Trung Khanh, Cao Bang). It has been a powerful stimulus to transboundary cooperation in conservation.









Villages in transboundary landscapes may support important genetic diversity of important crops.





Build ecosystem services into agriculture at the landscape scale

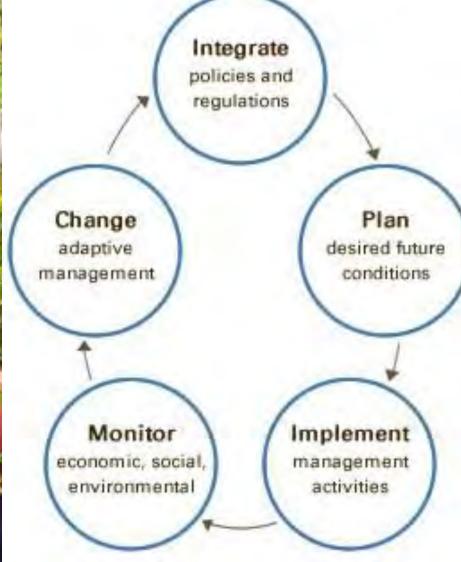
















ASIA METWORK FOR SUSTAINABLE Agriculture and bioresources (Ansab)





International PA Designations can also help

33, including

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Xishuangbanna

support transboundary cooperation		
		Biosphere Reserves

8 + 3 mixed

2 + 1 mixed

()

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2

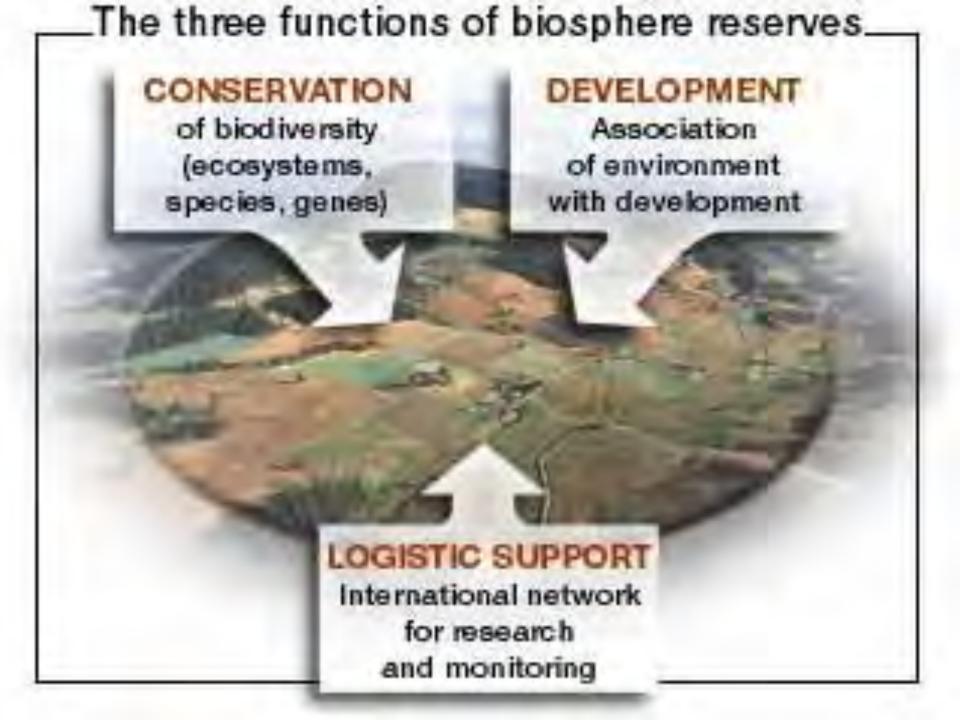
Cambodia

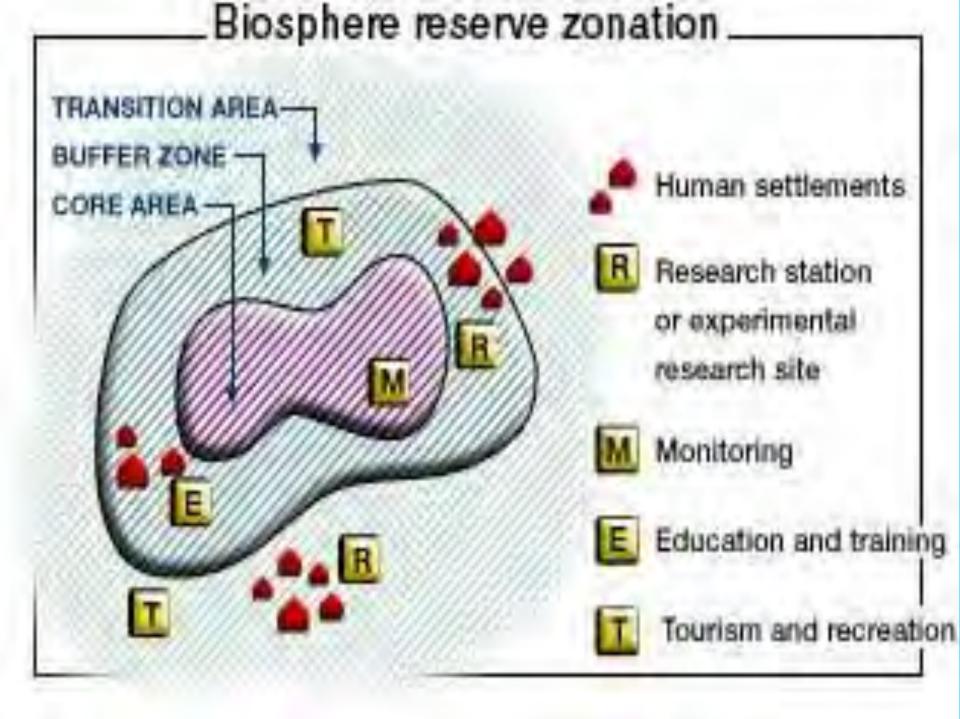
China

Lao PDR

Thailand

Vietnam





South China Karst World Heritage includes sites in Yunnan, Guangxi, Chonging, and Guizhou. Could World Heritage be linked to Vietnamese sites?





A strategic approach to transboundary biodiversity landscapes:

- Where are we now? (strengths, weaknesses, opportunities, threats)
- Where are we going? (a shared vision statement)
- How will we get there? (an agreed action plan, with priorities and timing, along with a budget).



