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IUCN

Climate change adaptation and mitigation:

Origin and goals of the report

An enquiring mind! Evidence!

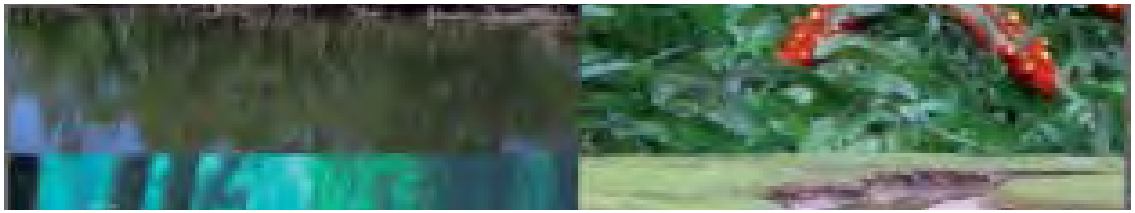
3 years in the making

IUCN ‘One Program’ product

Project ramp-up (WCC, IMPAC 2, CHOW)

Goals – Focus on the ocean
Expose the scientific evidence base

Focus of the report



NATURAL
SOLUTIONS

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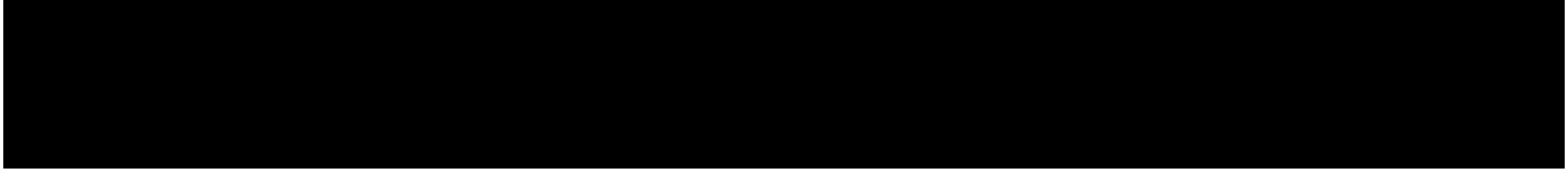

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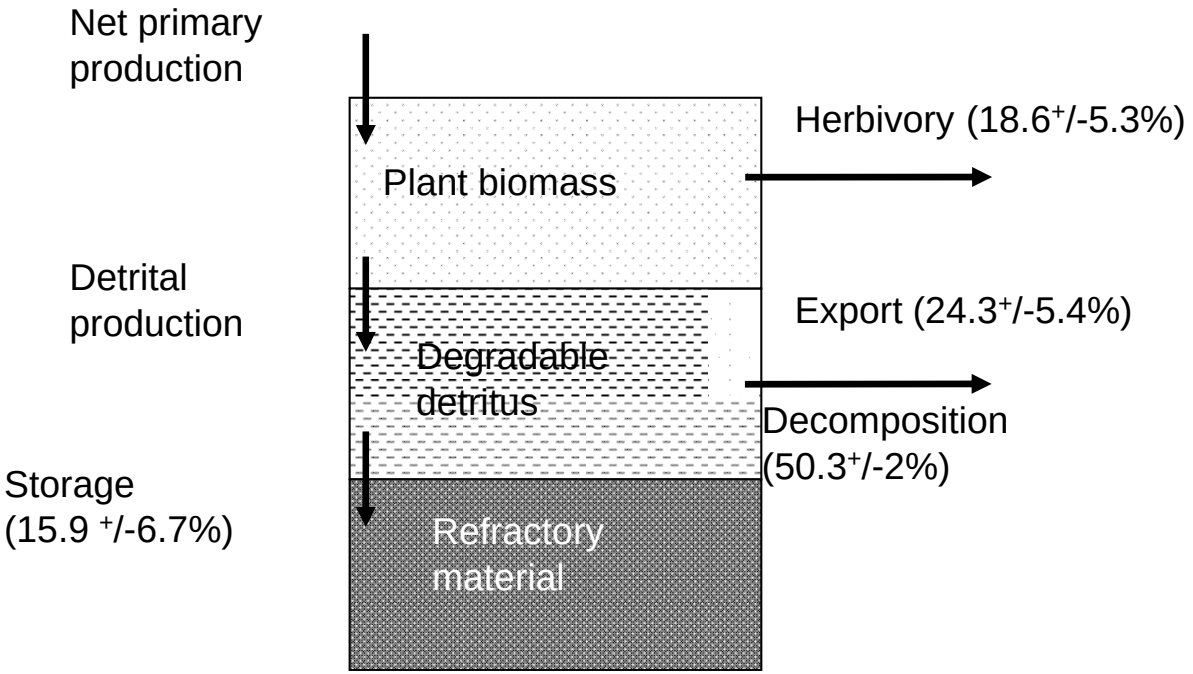

Figure 2 Fate of primary production, values in brackets represent% of net primary production. The data were derived by averagingindependent estimates from a range of seagrass species (adapted from Cebrian 1999 & Duarte & Cebrian 1996)

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Overall conclusions

- Represent ‘missing’ sinks
- Globally significant role
- High carbon storage capacity by unit area
- Comparative value estimated 10x temperate and 50x tropical forests
- Contribution visible % at country level
- Carbon fixing process important – below ground
- Under significant threat/incomplete inventories
- Mangroves/seagrass meadows loss equivalent to Amazon loss
- Need to account for in international climate change mechanisms
- Need for inclusion in National Inventory Submissions
- MPAs have a critical role to play in securing the future of these carbon sinks