Status, trends, key issues and strategic directions for Aichi Biodiversity Targets

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HIGH-LEVEL STATUS AND TRENDS OF NBSAPS

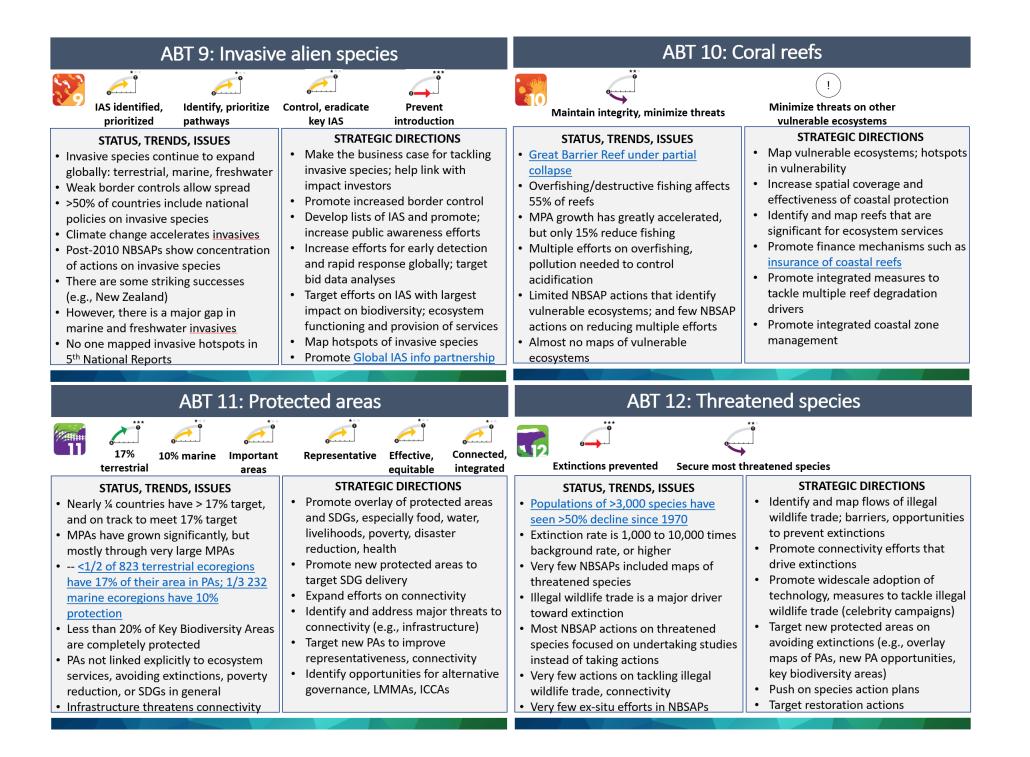
- Biodiversity loss is accelerating and interacting with climate in ways that are not understood
- The pace of action, level of awareness and scale of finance is not commensurate with the magnitude of loss
- There is a disconnect between NBSAP actions and the Sustainable Development Goals biodiversity actions are not targeted toward achieving goals on poverty, livelihoods, food security, water security, climate or other essential services, and there is not a recognition by policy makers and decision makers that biodiversity underpins development
- Protection, restoration and sustainable use are not focused on achieving climate goals, and finance for biodiversity remains elusive, while climate finance has accelerated; biodiversity actions have not generally attracted climate funds nature-based solutions only comprise 2% of Nationally Determined Commitments
- Ecosystem services remain a theoretical concept, and are not well integrated into NBSAPs
- NBSAP actions are not spatialized; NBSAP actions are often not actionable or costable
- Many NBSAPs focus on research and developing 'plans to plans' and not on taking action
- There is a reluctance in NBSAPs to tackle the underlying drivers of biodiversity loss, including commodity production, illegal fisheries, illegal logging, illegal wildlife trade, overfishing
- There is a reluctance to tackle biodiversity harmful subsidies, and the pace of incentives is very slow
- Many foundational concepts, such as safe ecological limits and sustainable consumption and production are not operationalized
- NBSAPs are overall not institutionalized through budgets, national plans, national policies
- There are many gaps that exist, including on marine plastics, on indigenous rights to land, on deforestation-free commodities

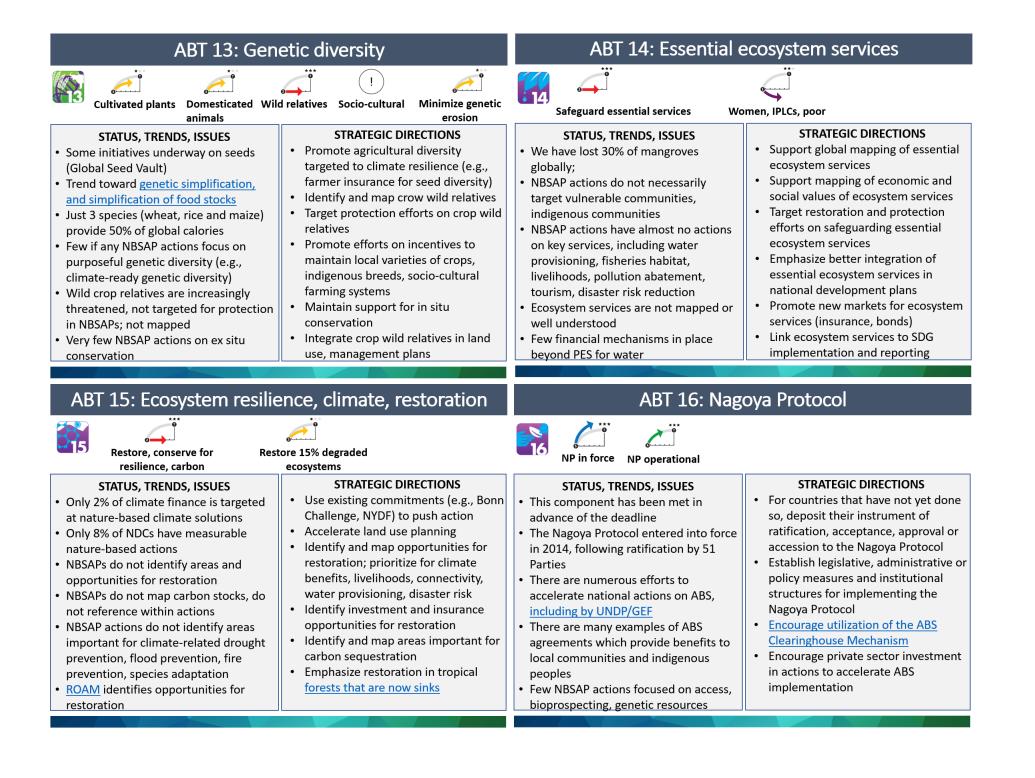
About this analysis:

This analysis, compiled by <u>UNDP</u>, was based on several documents, including the <u>Global Biodiversity Outlook 4</u>, <u>a comprehensive review of NBSAPs</u>, <u>Global Land</u> <u>Outlook</u>, and relevant articles. To access the powerpoint with active hyperlinks, please click <u>here</u>.

ABT 1: Awareness of biodiversity values		ABT 2: Integration of values			
Aware of values Aware of steps they ca	n take	Poverty, development integration	National, local planning	National accounting	Reporting systems
KEY ISSUES Awareness campaigns are not targeted to drivers of loss; few are strategic Many global awareness campaigns, while popular, do not lead to action There is no consistent framework for communicating biodiversity values Typical valuation studies do not spatialize ecosystem services Awareness campaigns not media savvy We lack basic data on ecosystem services, biodiversity values We lack effective language for communicating biodiversity values	 STRATEGIC DIRECTIONS Target efforts at drivers of change, e.g., reducing demand for illegal wildlife; increasing demand for sustainable products, supply chains Professionalize biodiversity awareness campaigns, build capacity Mobilize celebrities globally Create warehouse for biodiversity valuation results Spatialize ecosystem values globally Create viral social media campaigns Encourage <u>citizen monitoring</u> as part of awareness campaigns 	 KEY ISSUES Only 1/3 of poverty plans is biodiversity ½ of countries have environaccounting systems Biodiversity values are not Major gaps in NBSAPs for visecurity plans, food security integrated watershed basis integrated coastal zone maenergy, infrastructure – ar absent in post-2010 NBSAI Inadequate valuation is a biodiversity loss 	include Inmental It spatialized water ty plans, n plans, anagement, re all largely Ps key driver of	 STRATEG Widely share biodiversity v. Support envir natural capita Provide access data on ecosy Identify key a actions to alle Support EIA/S Support capabiodiversity v. national deve Promote tran citizen monito 	ronmental statistics a al accounting ssible maps and spat vstem services reas for biodiversity eviate poverty SEA processes city to integrate alues into sectoral a elopment plans sparency and enable oring
ABT 3: Incenti		ABT 4: Sustain) Jological	sumption, p	production
removedcreatedKEY ISSUESSubsidies drive biodiversity lossFossil fuels subsidies are \$550 billion, agricultural subsides are \$500 billion, fisheries subsidies are \$35 billion16% of timber is FSC certified; 7% of fish is MSC certified, 22% of palm is certified sustainableKey gaps in post-2010 NBSAPs include the creation of incentive schemes, the expansion of market-based incentives such as certification, and the removal of pervasive harmful subsidies – these actions were largely absent	 STRATEGIC DIRECTIONS Identify the full costs of subsidies; many have perverse impacts that <u>countermand the SDGs</u> Provide tools for prioritizing incentives and subsidies for expansion, reform and removal Promote voluntary carbon markets, consistent with UNFCCC Promote market certification for key commodities, including timber, soy, palm oil, beef, timber, paper, fish, and other commodities that drive biodiversity loss, especially forest loss and unsustainable fisheries 	 KEY ISSUES All indicators of resource u We have breached 3 of 9 p boundaries By 2030, food demand will 35%, water by 40% and en Infrastructure will triple Major gaps in post-2010 N included: the concept of sa ecological limits was abser important for sustainable p were not identified or map strategies for socially just r resource production were 	Ise are rising planetary l increase by ergy by 50% BSAPs afe nt, areas production oped, natural	 Support land Support the d sustainable co Provide guide Promote corp consumption Help operatio ecological lim Enable citizen advocacy on l Map areas cri managing eco water security 	GIC DIRECTIONS use planning levelopment of natic onsumption plans lines on procurement orate sustainable and production onalize concept of satistics for key resources of monitoring and and use planning tically important for osystems to ensure y, food security, bioformith

ABT 5: Forest loss, habitat loss		ABT 6: Fisheries		
Rate of loss ½ or 0 Loss of all habitats t	to 0 Degradation, fragmentation sign reduced	5 /1	npacts on Safe ecological	
 KEY ISSUES Deforestation is major driver of loss Logging accelerates fragmentation, cocktail threats, much logging is illegal Forests essential to SDGs: 3/5 of world relies on forests for fuel; hundreds of millions of world's poorest depend on forests for livelihoods; forests essential for water goals Indigenous peoples control huge stocks of forests, but at risk Demand for beef to rise by 30%; total beef consumption by >50%; demand for timber, paper to increase significantly by 2030 	 STRATEGIC DIRECTIONS Consolidate spatial data on forests; Link spatial forest data to REDD+ Promote national commodity round tables on soy, palm oil, coffee, cocoa Promote commitments (NYDF) Promote beef-reduced diets Secure indigenus forest rights Promote moral imperative of forest protection Increase certification (20% to 80%) Promote sophisticated LU monitoring Encourage protection of intact blocks Mainstream forests into sectors PES schemes for landowners 	 KEY ISSUES Destructive fishing practices continue (e.g., dynamite fishing, bottom trawling, unselective gear, bycatch) Illegal fishing continues to be a major problem 90% of fisheries stocks have been fully exploited, over-exploited or collapsed There is an increase of 400% of MSC-certified fisheries, but still just a fraction Only a handful of NBSAPs include tackling conventional fisheries Only a tiny handful identify socially beneficial fisheries Fisheries habitat is largely unmapped; no overlay of fisheries and MPAs 	 STRATEGIC DIRECTIONS Utilize new technologies, such as the <u>Global Fishing Watch</u>, to increase transparency, monitoring and action on illegal fishing, and increase global efforts on curbing illegal fisheries Remove harmful fisheries subsidies Target new MPAs around areas important sites for key fisheries life cycle functions, such as fish aggregation sites Identify opportunities to scale up locally managed marine areas, to increase socially inclusive fisheries Support global demand for MSC-certified fisheries 	
ABT 7: Sustainable agricult Sustainable agriculture Sustainable aquaculture	ture, aquaculture, forestry	1	Pollution	





ABT 17: National Biodiversity Strategies Action Plans

ABT 18: Traditional knowledge





Implemented Submitted Adopted

STATUS, TRENDS, ISSUES • 189 (of 196) countries have submitted

- post-2010 NBSAPs • 137 Parties have post-2010 NBSAP that take the Strategic Plan for Biodiversity (2011-2020) into account
- 12 Parties have post-2010 NBSAP that do not take the Strategic Plan for Biodiversity (2011-2020) into account
- 40 Parties have not yet submitted a post-2010 NBSAP; 7 Parties have not yet submitted an NBSAP
- There is a major implementation gap; a large percentage of NBSAP actions focus on plans and not actions

STRATEGIC DIRECTIONS

- Ensure that NBSAPs are adopted as policy instruments
- Ensure that NBSAPs actions are prioritized, and translated into clear, actionable road maps
- Integrate NBSAP actions into existing national plans, including poverty reduction, Nationally Determined Commitments, food security, water security, disaster risk reduction plans

STATUS, TRENDS, ISSUES

Integrate TK into

implementation

 Traditional knowledge continues to decline, with large-scale displacement of indigenous and local communities

Respect TK

- Only a handful of post-2010 NBSAPs included actions on traditional knowledge, with the majority of actions focused on developing plans
- Actions on traditional knowledge are not targeted to key areas (e.g., crop genetic diversity for climate resilience)
- Sharing of traditional knowledge is very sporadic, with no global platform for sharing lessons, knowledge

Secure full IPLC participation

STRATEGIC DIRECTIONS

- Develop guidelines and action plans on recognizing and safeguarding rights of indigenous peoples
- Target efforts on traditional knowledge that enables more effective strategies, particularly for climate adaptation, crop genetic diversity
- Mobilize communication and learning networks of indigenous peoples and local communities

ABT 19: Scientific knowledge



Improve Share knowledge knowledge

STATUS, TRENDS, ISSUES

- There are urgent gaps in monitoring biodiversity globally;
- GEO BON efforts on Essential Biodiversity Variables is a good step;
- While high-resolution spatial data exists, it is not linked to SDG-relevant data, such as water security
- IPBES is operational
- Countries have invested in the Global **Biodiversity Information Facility and** national and regional initiatives

STRATEGIC DIRECTIONS

- Enable countries to access and use low-cost spatial data that include multiple data layers
- Inventory existing biodiversity information to identify key knowledge gaps
- Strengthen global monitoring systems
- Mobilize and enable communitybased monitoring and information
- Target research questions around key issues related to operational gaps (e.g., safe ecological limits, resilience thresholds, climate scenarios)

ABT 20: Resource mobilization



resources

STATUS, TRENDS, ISSUES

- The finance gap for SDGs is 2.5 trillion
- The finance gap for Aichi Biodiversity Targets is \$150-440 billion, a figure that represents a rounding error in global GDP
- The BIOFIN project has changed discourse about biodiversity finance, and is leading the way in identifying approaches to filling the biodiversity finance gap
- Over 150 finance solutions have been identified and catalogued
- Investment and insurance funds have enormous potenital

STRATEGIC DIRECTIONS

- Build a pipeline of impact investment-ready project
- Bring impact investors to a common investment platform
- Bring insurance markets to the nature-based disaster market
- Greatly upscale the BIOFIN approach
- Access climate finance through nature-based NDCs
- Integrate biodiversity plans into national development plans and annual budgets
- Explore a wide range of finance solutions (e.g., subsidy reform)