



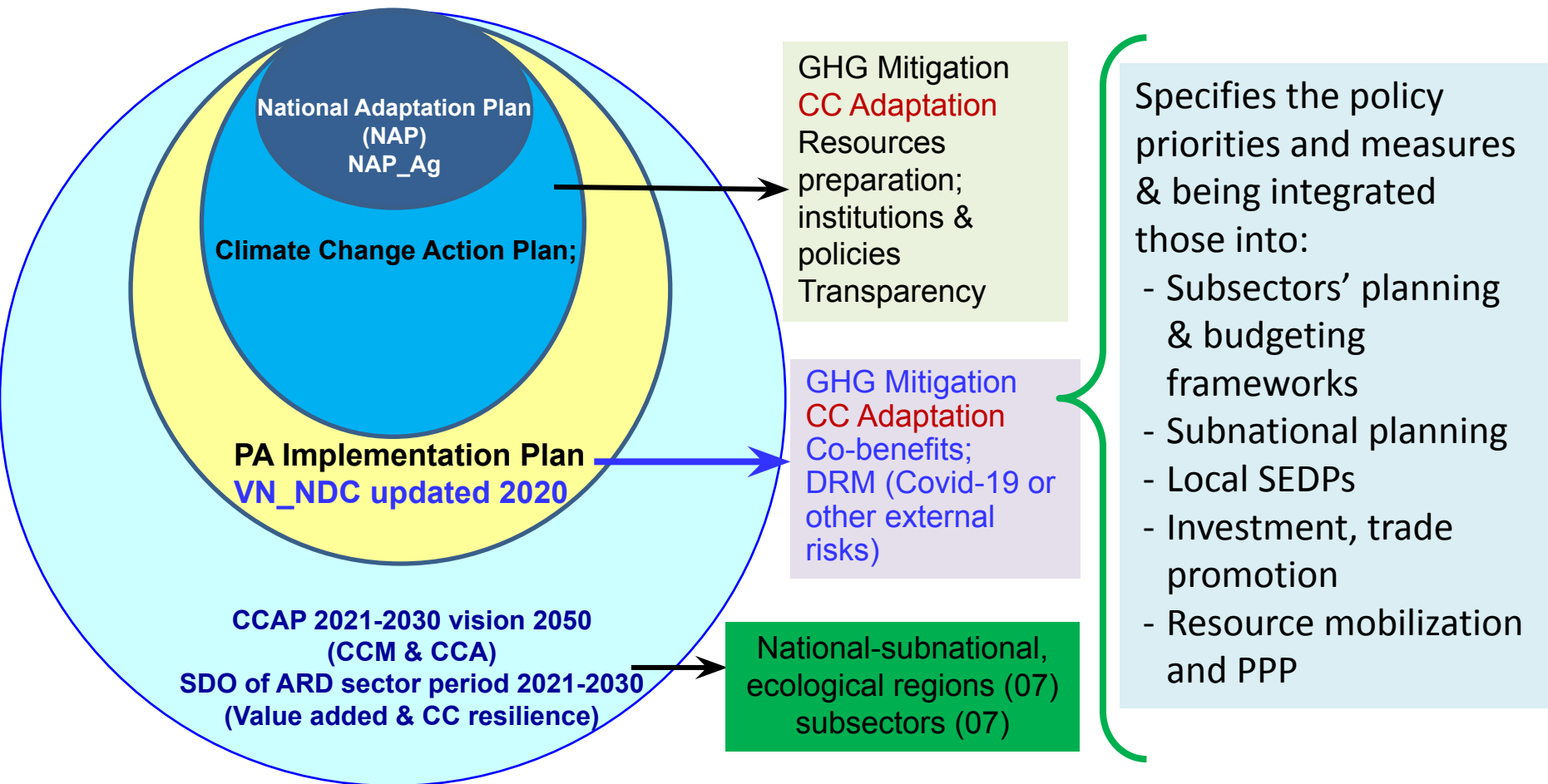
PLANNING AND PROCESSES

Virtual Meeting, March 09, 2021

Overcoming the ‘Tragedy of Horizon’ Through Climate Resilience in Economic Planning Processes: Vietnam’s experiences in adaptation planning in agriculture sector

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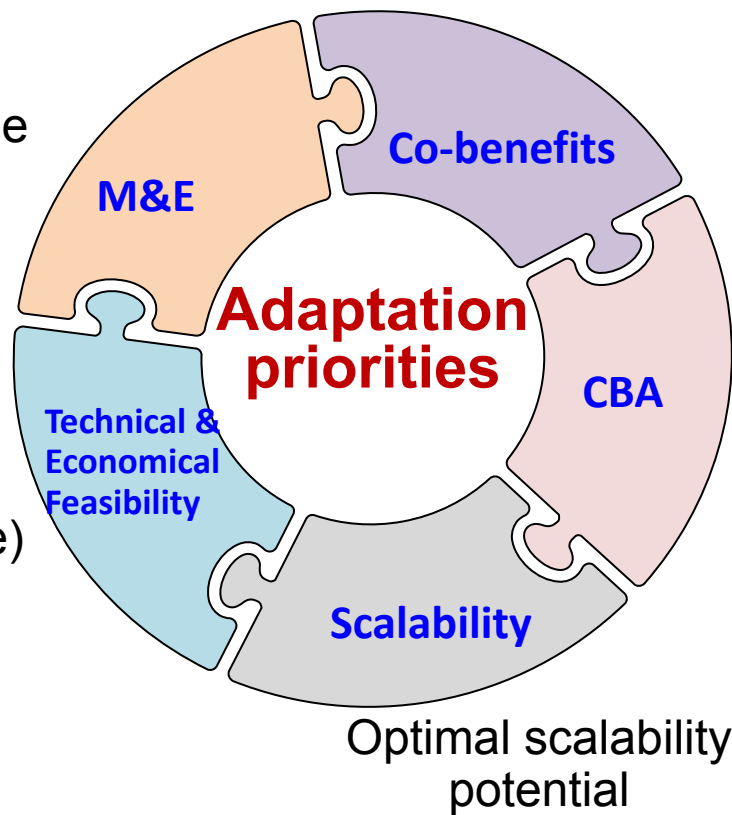
Vietnam National Adaptation Planning Context



Selection criteria for adaptive priorities for adaptation planning

- M&E: Specific (S), Measurable (M), Technically Attainable (A), Realistic (R) Time-bound (T)

- Household scale (small scale),
- Farms / cooperative scale (medium scale)
- Enterprise scale (large scale).
- Ecological/natural based solutions



(i) Response to climate change, (ii) Economy, (iii) Society, (iv) Environment, (v) Institutions and Policies (20 indicators)

-CBA's Indicators included: Scale, Required upfront cost, NPV/year/unit (EAA) and Internal Rate of Return (IRR), Breakeven point and payment period

Examples for economically effective adaptation measures

Seasonal calendar adjustment based on CS MAP for rice in Spring crop in MRD



Adaptation option	Lost avoided (Mil.VND/ ha/crop)	Scalability (ha)	Payment period (year)	Required upfront (Mil. VND/ ha)
<i>CS-MAP and seasonal adjustment in MRD</i>	34	1,200,000	N/A	N/A

Shrimp-rice practice in coastal and middle zones of Mekong River Delta region

Adaptation option	EAA (Mil.VND/ ha/year)	Scalability (ha)	Payment period (year)	Required upfront (Mil. VND/ ha)
<i>Rotation of Rice – Shrimp in MRD</i>	94.4	200,000	1	51.1



Agroforestry models (coffee – forest/fruit trees in Central Highlands)

Adaptation options	EAA (Mil.VND/ ha/year)	Scalability (ha)	Payment period (year)	Required upfront (Mil. VND/ ha)
<i>Coffee - Avocado</i>	547.1	50,000	4	104
<i>Coffee - Cassia</i>	47.9	20,000	7	115
<i>Coffee - Durian</i>	102.3	60,000	5	105

The way forward

- Establish a clear mechanisms to strengthen coordination & communication between NAP and NAP_Ag (sector's planners and value chain stakeholders) vertically and horizontally in planning and budgeting processes
- Develop guidelines to strengthen coordination & communication of climate risks and response strategies at national & sub-national levels;
- Mainstreaming NAP-Ag planning into budgeting process
- Strengthen a coherence/synergy among different programmes in agriculture sectors (organic, high-tech, CSA, natural based, circular, NAP-Ag, NDC-Ag actions etc.)
- Strengthen international, regional and south-south cooperation in implementing CC actions especially NDC and NAP in Ag sector.