

6. Unleashing Enablers and Accelerators including on Financing, Technology and Capacity Building ▾

Key objective: 27. Artificial Intelligence, Digital Public Infrastructure and digital technologies ▾

Solution: **Bridging NAZCA and the Yearbook of Climate Action through KPIs for the Global StockTake**

Host initiative: **Data-Driven EnviroLab (DDL), University of North Carolina at Chapel Hill**

Scope: [Addressed scope, such as specific technologies and geographic/sectoral focus, if any.]

- Geographic: **Global**
- Sectoral:
- Other aspects:

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Axis: 6

Levers assessment: (each lever is described in the guidance document)

- **Risk-informed decision-making:** Medium maturity ▾
 - *Rationale: DDL will conduct this analysis with an eye towards a reproducible data and computational pipeline that integrates earth observation data and other large-scale datasets but are resolved at a sufficiently high spatial resolution to speak directly to NSAs.*
- **Technology shifts:** High maturity ▾
 - *Rationale: As the Secretariat of CAMDA, DDL is well poised to shepherd this effort and engage collaborators in the CAMDA consortium (e.g., World Resources Institute, Systems Change Lab, NewClimate Institute, Oxford NetZero, etc).*
- **Knowledge & Capacity building:** High maturity ▾
 - *Rationale: Drawing on DDL's experience in developing global datasets on subnational and non-state climate action that have already contributed to flagship assessments like the IPCC and UNEP Emissions Gap Report, DDL can convene partners to conduct a landscape assessment of which KPIs best link to NSAs and in what format they can be presented or integrated within NAZCA*
- **Inclusive decision-making governance & design:** Medium maturity ▾
 - *Rationale: DDL will conduct this analysis with an eye towards a reproducible data and computational pipeline that integrates earth observation data and other large-scale datasets but are resolved at a sufficiently high spatial resolution to speak directly to NSAs.*
- **Standards & Taxonomies:** High maturity ▾
 - *Rationale: CAMDA could provide the analytic layer that links NSA actions to Yearbook KPIs, making it clear how collective efforts add up in practice. This would transform NAZCA into a dynamic recognition and stocktaking tool that is neutral in governance, but enriched by complementary expertise that allows governments, businesses, and civil society to see progress against real-economy transformation metrics.*
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- **Supply:** N/A ▾

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- *Rationale:* []
 - **Demand:** High maturity ▾
 - *Rationale:* This would transform NAZCA into a dynamic recognition and stocktaking tool that is neutral in governance, but enriched by complementary expertise that allows governments, businesses, and civil society to see progress against real-economy transformation metrics.
 - **Public/private finance:** Medium maturity ▾
 - *Rationale:* Next step needed: Engage funders to support collaboration and multi-year efforts to attribute subnational contributions to global real-economy KPIs.
 - **Partnerships and collaboration:** High maturity ▾
 - *Rationale:* DDL is well poised to shepherd this effort and engage collaborators in the CAMDA consortium (e.g., World Resources Institute, Systems Change Lab, NewClimate Institute, Oxford NetZero, etc).
 - **Policy & regulatory:** N/A ▾
 - *Rationale:* []
 - **Public opinion:** N/A ▾
 - *Rationale:* []
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Expected impact of this plan on the 2030 targets (if any): ▾

[\[Details on the expected impact of this plan, including which levers it focus and target/KPIs from the 2030 Climate Solutions, GST, SDGs or other processes\]](#)

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Output	Action Scope	Action	Type of action	Implementation Lever	Responsible	Time horizon	Stakeholder engagement ¹	Committed Stakeholders
5-year plan input: KPI-NAZCA alignment memo + integration roadmap with data/transparency/reporting recommendations	Global UNFCCC Action Agenda/NAZCA; NSAs across 6 axes/30 indicators (where aligned and data are available)	Contribute to the laid out concepts to the 5-year plan process on how to align the better align transparency and reporting of the Action Agenda with the Global Stocktake	New action ▾	Standards & T... ▾	Data-Driven EnviroLab (DDL), University of North Carolina at Chapel Hill	June 20... ▾	Technical insti... ▾	DDL (lead); CAMDA partners (WRI, Systems Change Lab, NewClimate, Oxford Net Zero)
Multi-year funded program + data partnerships to attribute NSA contributions to Yearbook KPIs; annual KPI-NSA stocktake	Global, multi-stakeholder (cities/regions/corporates); reproducible earth observation/automated-enabled data pipeline	Engage funders to support collaboration and multi-year efforts to attribute subnational contributions to global real-economy KPIs	New action ▾	Public/private ... ▾	Data-Driven EnviroLab (DDL), University of North Carolina at Chapel Hill	June 20... ▾	Companies ▾	DDL (lead); CAMDA partners (WRI, Systems Change Lab, NewClimate, Oxford Net Zero)

¹ Such as national governments, companies, investors, cities and local governments, technical institutions, MDBs, regulators & public agencies, utilities & system operators, youth & indigenous peoples groups, multi-stakeholders platform (non-exhaustive)

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Output	Action Scope	Action	Type of action	Implementation Lever	Responsible	Time horizon	Stakeholder engagement ¹	Committed Stakeholders
Data-sharing MoUs and interoperable pipelines to feed Yearbook KPIs with NSA-attributed metrics; partner roster, governance, and annual KPI dataset + methods	Global via CAMDA; cross-institutional data providers (EO + admin + corporate) covering 6 axes/30 indicators; cities, regions, firms	Develop key data partnerships (through CAMDA i.e. SCL, IPCC, FAO etc) to enable year-on-year KPI tracking with NSA attribution	Existing a... ▾	Partnerships ... ▾	Data-Driven EnviroLab (DDL), University of North Carolina at Chapel Hill	June 20... ▾	Technical insti... ▾	DDL (lead); CAMDA partners (WRI, Systems Change Lab, NewClimate, Oxford Net Zero); UNC-Chapel Hill (host)
n/a	n/a	n/a	▮ ▾	▮ ▾	n/a	▮ ▾	▮ ▾	n/a
n/a	n/a	n/a	▮ ▾	▮ ▾	n/a	▮ ▾	▮ ▾	n/a