



**Paris Agreement
Transparency: Reflection
on institutional
arrangements**

CGE @ SBSTA/SBI: Bonn
22 June 2019



Content of the presentation

- Institutional Arrangements: definitions and introductions
- A working framework for enhanced transparency
 - National Systems
 - Monitoring
 - Reporting
- Challenges



This presentation draws on:

- *25 years dedicated to environmental data gathering, analysis and reporting focussing on climate change and air pollution with 10 years dedicated to shaping consultancy tools and services in this field.*
- **2019 refinement of the 2006 IPCC guidebook on GHG emissions inventories Volume 1 Section 1.4A NATIONAL GHG INVENTORY ARRANGEMENTS:** *“This section provides guidance on establishing GHG inventory arrangements that support the sustained updating and maintenance of high quality and continuously improving national GHG inventories.”*



Aether

- **MRV systems and tools:** Institutional arrangements, Stakeholder engagement, online platforms, tools and templates.
- **Sectoral expertise:** All sectors (UNFCCC Review trained and multi country system experience)
- **Data gathering, compilation, reporting & review.** GHG & Air Pollution Inventories & Projections, Climate and air policies and measures (climate action) (NC, BUR/BTR/NDC/NAMA) support & mentoring.
- **Working with:**
Montenegro, Tanzania, South Africa, Mozambique, Barbados, Grenada, Antigua & Barbuda, St Vincent and the Grenadines, Jamaica, European Union, UK, Ireland, Malta, Iceland, Luxemburg, Germany, Italy, Spain, West Balkans, Turkey, Australia, UAE and more

Benefiting from over 20 years & > 50 countries lessons learned in MRV/Transparency systems.



Foundations for an enhanced transparency framework

What you choose to report

- › **Evidenced based** decision making on action
- › Sustainable and “**continuously improving**” national institutional arrangements and supporting “MRV systems”
- › A **stable network** of experts, data providers, co-ordinators and supporters.

What you know and use for
decision making

Paris Agreement: Accelerating action

- **The Paris Agreement (UNFCCC)** - working together to achieve long-term temperature goal
 - Mitigation (Art. 4) – NDCs - rapid reductions in GHGs
 - Adaptation (Art. 7) - adaptation planning & actions
 - **Transparency (Art. 13) - clear understanding of climate change action**
 - Global Stocktake (Art. 14) - assess the collective progress



Why is Domestic MRV important?

“If you can't measure it, you can't manage it”

Inform and inspire “decision makers”

Build effective, integrated, climate sensitive strategies for all sectors

A “how to?” guide to building a low-carbon, carbon removing, climate resilient sustainable economy.”

Filter by Jersey Climate Change Actions

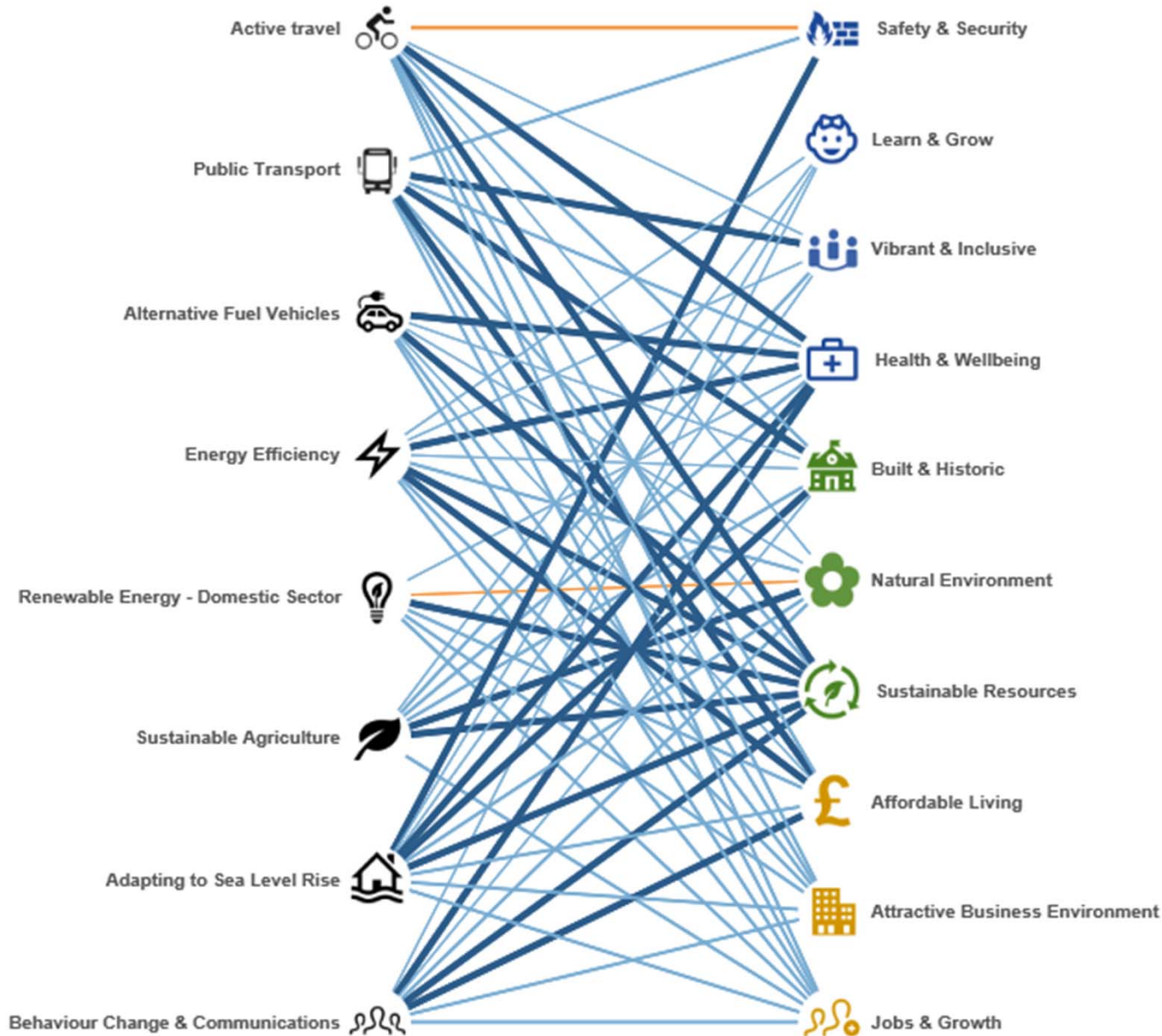
(All)

Filter by Strength of Impact

(All)

Filter by Future Jersey Theme

(All)



by Future Jersey Theme

Security

Inclusive

Wellbeing

Historic

Environment

Renewable Resources

Affordable Living



What should good “Institutional Arrangements” provide?

- Sustained, trusted **teams of experts**
- **Reliable data flows**, indicators of progress
- Organised, flexible “**archive**”
- Analytical **tools and resources** (e.g. EFs, impact factors etc)
- Efficient high quality **reporting** (e.g. NDC Plans, BUR, BTR, NC, NIR)



What should Institutional Arrangements Include?

➤ Mitigation

- Trends in greenhouse gases
- Projection scenarios
- Mitigation targets
- Mitigation actions
- Direct and wider impacts
- Needs

➤ Adaptation

- Climate observations, events & impacts
- Risks, vulnerabilities,
- Climate Scenario
- Adaptation goals
- Resilience & adaptation actions
- Direct and wider impacts
- Needs

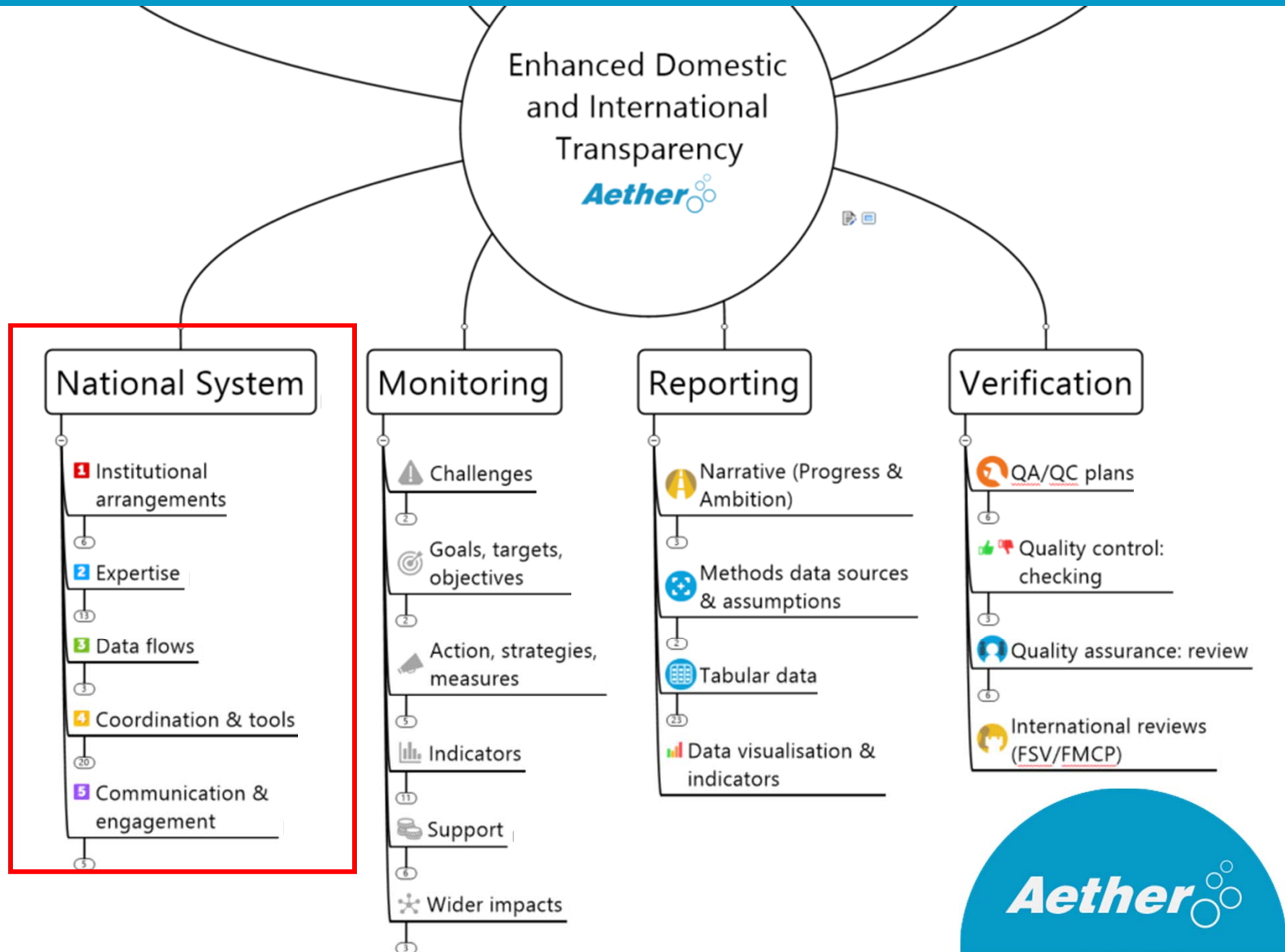
SDGs

➤ Support

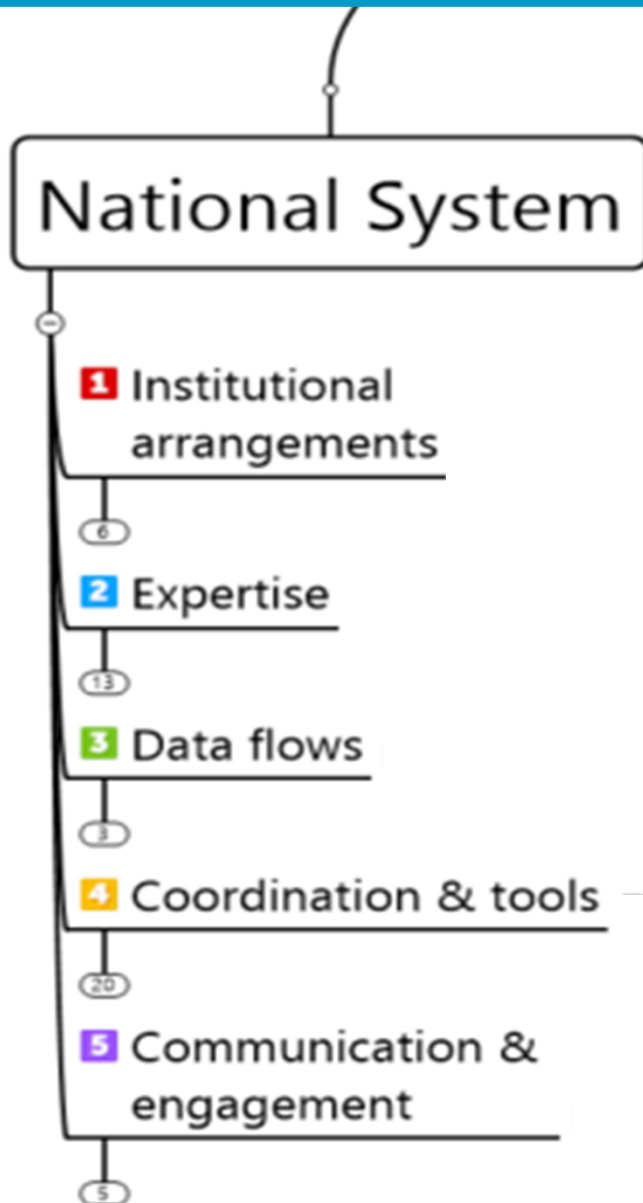
- Financial support
- Capacity building
- Technology transfer



A “working framework for enhanced transparency”



Working framework: “National Systems”



1. **Institutional Arrangements:** Organisations, TORs, Laws, Roles and Responsibilities
2. **Expertise:** Compilation co-ordination, Sectoral, Reporting.
3. **Data Flows:** Datasets, Data Supply Agreements, Curation
4. **Coordination & Tools:** Workplans & Tools, Documentation, Templates, Archives, Guidance & Training
5. **Communication and Engagement (ownership):** National Councils, Briefings, Websites, Education & awareness, Events and activities

Useful structuring for: Needs assessment, Capacity building support, underpinning laws and institutional arrangements. Breakdown silos.

Enhanced Transparency Framework: Development Cycle

1. Develop first output

- **Understand value:** Show outputs to stakeholders
- **Improvement Planning:** processes, outputs, tools, team etc
- **Strengthen:** teams, tools etc and raise resources

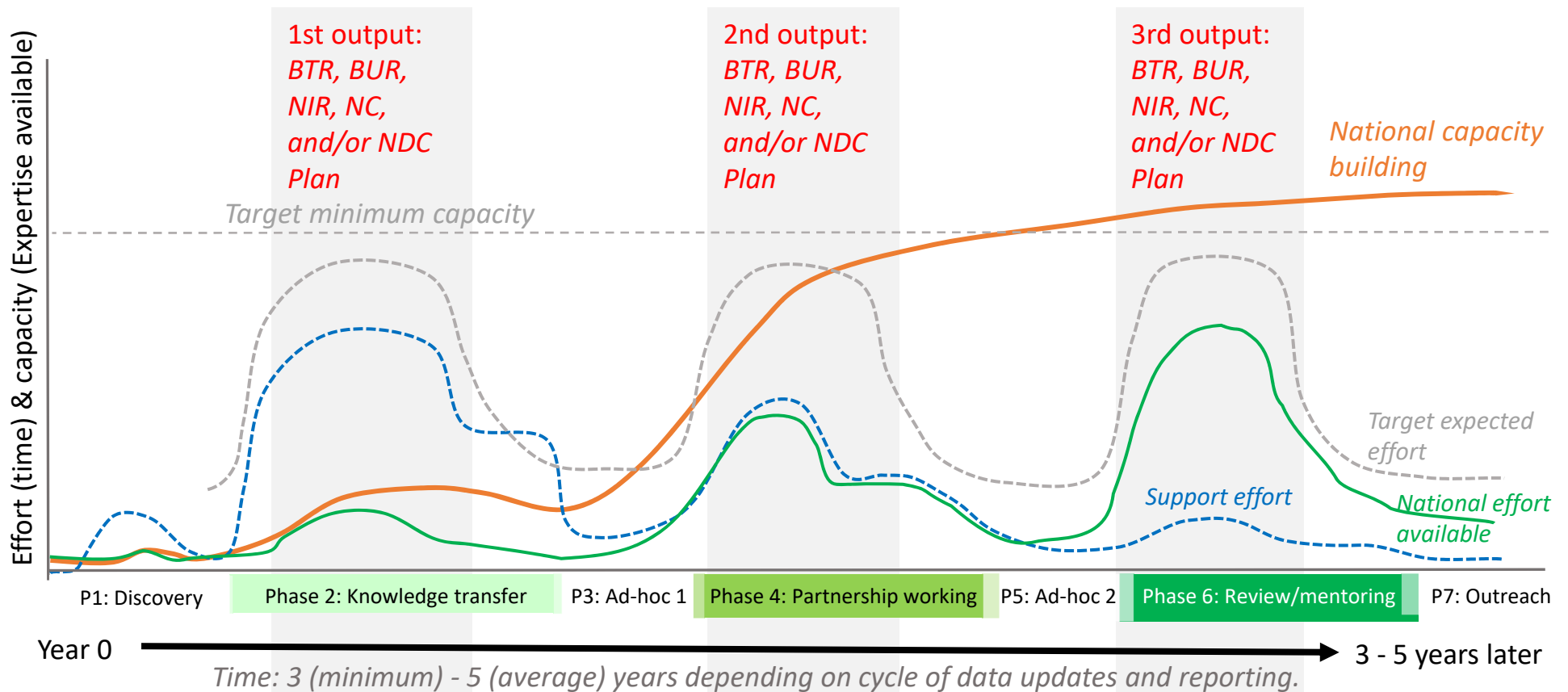
2. Develop second output

- **Increase value:** Broaden stakeholder engagement
- **Improvement Planning:**.....
- **Strengthen:**.....

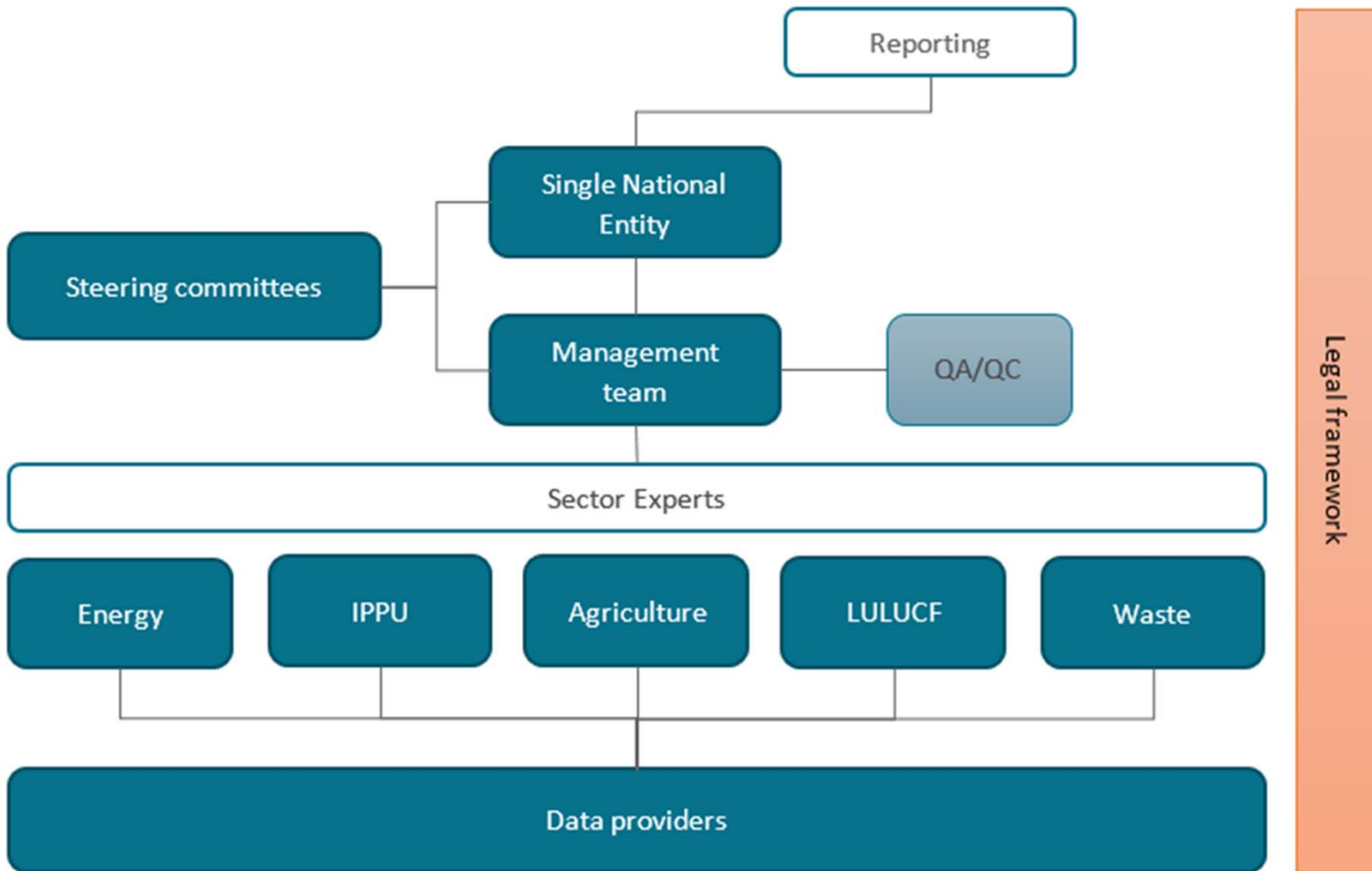
3. Continue cycle: Increase value, continuously improve.....



Transparency capacity building



1: Transparency: Institutional Arrangements



1: Coordinating organisations

- Direct Authority: A relevant **Ministry**
- Delegated Authority: A relevant **Authority**
- Contracted service: “Consultants”, competitive contract where you have control
- **Arrangements should span more than one production cycle**



2: Finding Expertise and data

- Existing data suppliers and expertise can include:
 - National Statistics, Environment, Energy, Transport agencies/ministries, Customs and trade authorities.
- Virtual teams - multiple organisations
- Sectoral statistical data collection and analysis
- Environmental researcher



Linking with other data collection and reporting

- **Existing National Statistical Systems**
 - Energy, Agriculture, Transport, Forestry
- **Subnational data compilation and facility-reporting**
- **Air pollution, waste, and other environmental monitoring and reporting activities**

Working with: Consultants 1 of 2

- External organisation, or person, paid (directly or indirectly) to:
 - **Build capacity** e.g.
 - Finding and engaging with stakeholders
 - Training stakeholders
 - Design, adapt and build templates and tools
 - Provide **short-term peak capacity** e.g.
 - Gather and analyse data
 - Compile estimates, improve methods
 - Produce reports, indicators and outputs
 - **Peer, expert review of outputs**



Working with: Consultants 2 of 2

- Consultants should:
 - **Share knowledge well** (using tools, templates, systems)
 - Simplify and improve the efficiency of your work
 - Work closely and progressively with your evolving team
 - **Push your team to do more**, but are there as back-up for when things get complicated or busy
 - **Handover everything** needed for systems to function well without them
- Well specified “sharing and caring” ToRs/contracts and **longer term engagements** work best.



Montenegro MRV system Conceptual Framework



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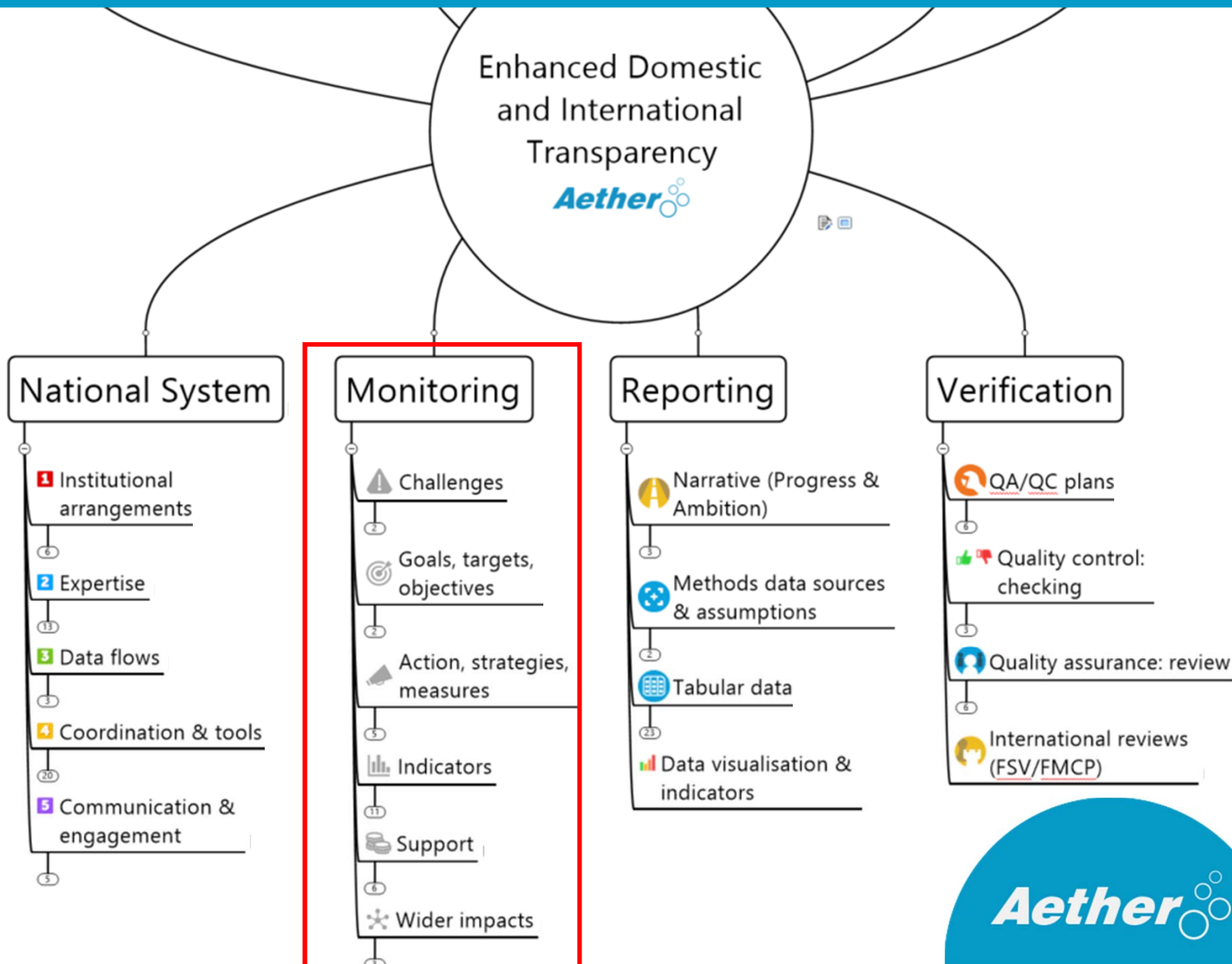
development

Appendix 5: Climate Change Action data request form

Appendix 6: Example Climate Change Actions.....

Appendix 7: Categories used for MRV system

A “working framework for capacity building on transparency”

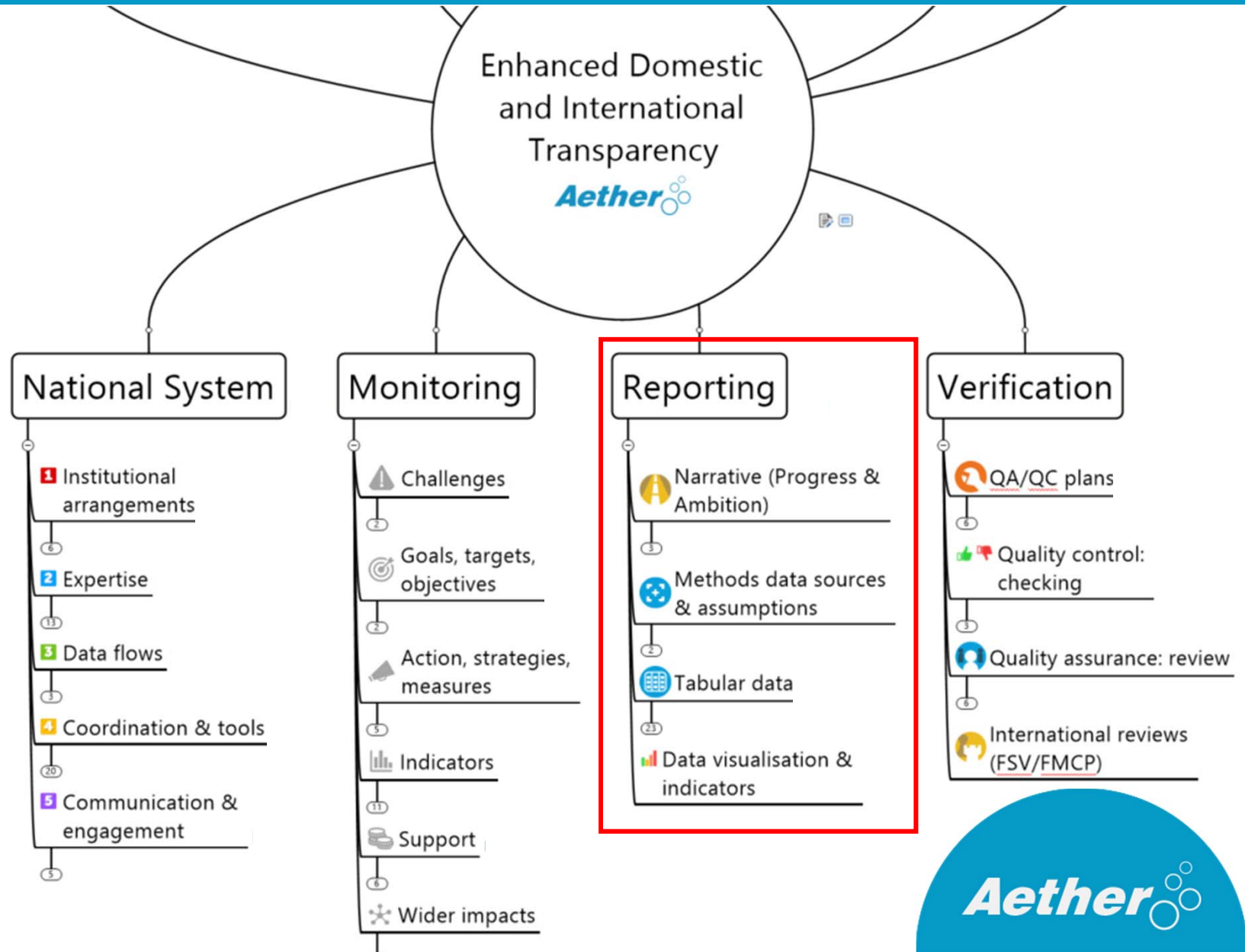


Working framework: “Monitoring”

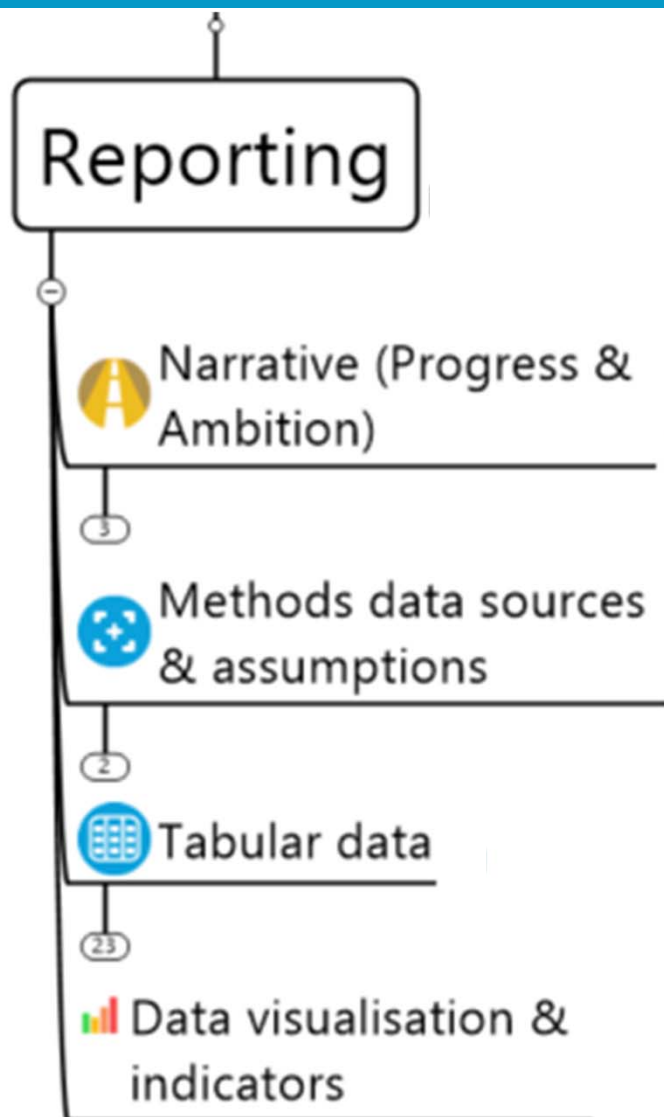


- Build your “Archives” and **indicators to influence and track progress & understand uncertainties for:**
 - GHG trends, projections, **mitigation** actions and support
 - Climate trends, scenarios, impacts, **adaptation** actions and support
 - Wider impacts on SDGs, National Strategies and other national priorities
- Supports:** National reports + NDC plans, Adaptation plans, communication (and reports (e.g. BUR/BTR) on climate action.

A “working framework for capacity building on transparency”



Working framework: “Reporting”

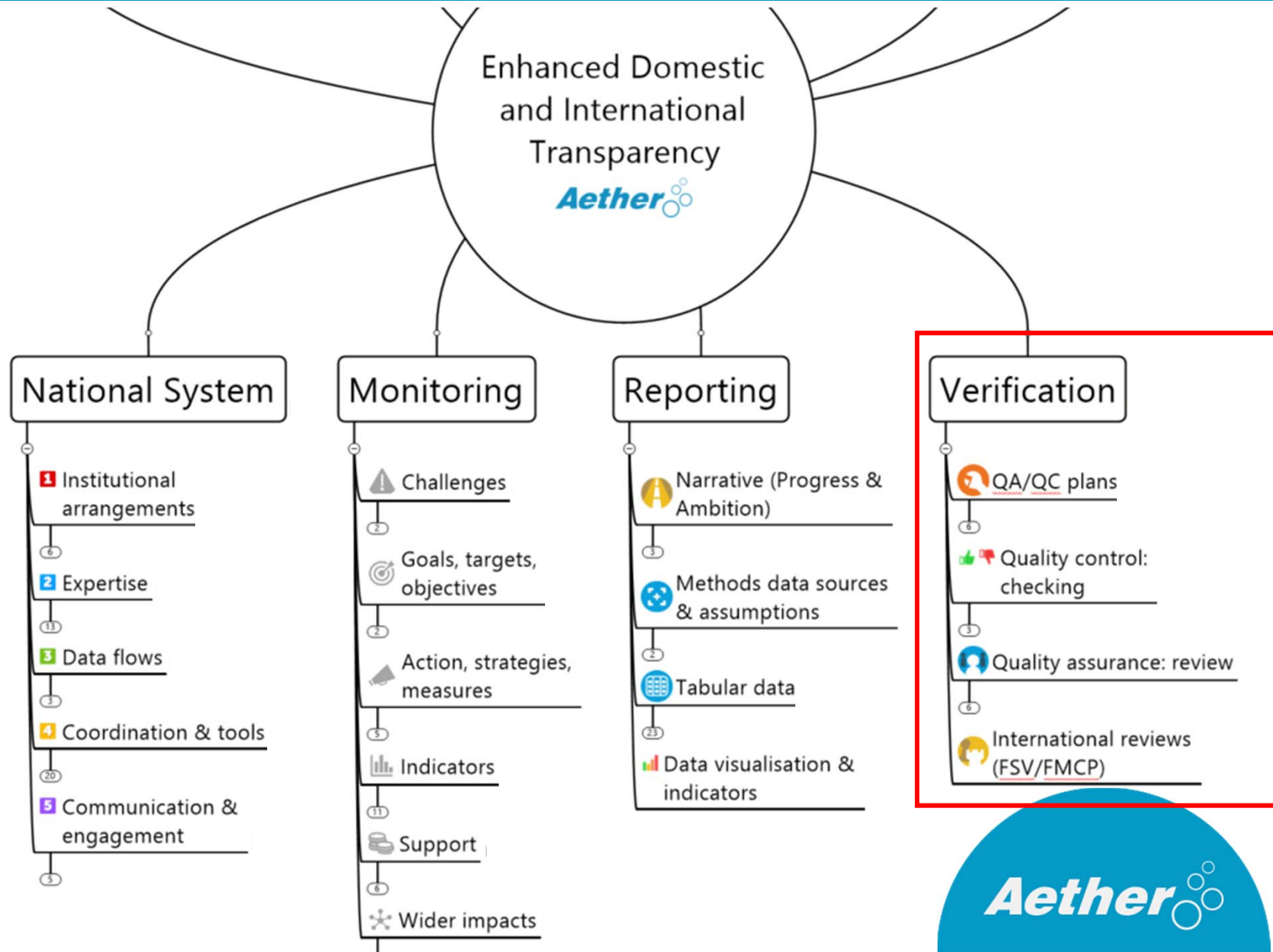


- **Narrative:** Progress, ambition, wider impacts, uncertainties.
- **Methods, data sources and assumptions:** “National systems”, compilation of data (evidence).
- **Tabular data & data visualisation:** Challenges, goals, objectives, targets, strategies, actions, indicators, support, wider impacts

Are your communications inspiring action?

*National reports + International reports
(BUR, BTR, NDC Plans, NCs and whatever comes next)*

A “working framework for capacity building on transparency”



Working framework: Verification



- **QA/QC Plans:** Objectives, activities, records of QA/QC
- **Quality Control:** Input checks, Routine compilation checks, output checks
- **Quality Assurance:** Bilateral/trilateral reviews, independent reviews & Public Consultation
- **International reviews (FSV/FMCP):** international peer review and consideration of progress

Is your information credible and useful for decision making?

Challenges

- **Institutional arrangements, expertise and resources**
 - Sustaining institutional memory, capacity and expertise
- **Data flows**
 - Getting regular, better data (e.g. detailed activity, country specific research/conversion factors)
- **Management and coordination**
 - Efficient data structuring, analysis, use and re-use
 - QA/QC performing, documenting
- **Communication and engagement**
 - Resources to continue
 - Efficient, easy to produce reports
 - Re-usable credible data
 - Inspiring and tracking action



- **Give technical people** the chance to become valued long term teams of expert, analysts, advisors and negotiators
- **Help them develop outputs** that accelerate action and positive change

Thank you

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