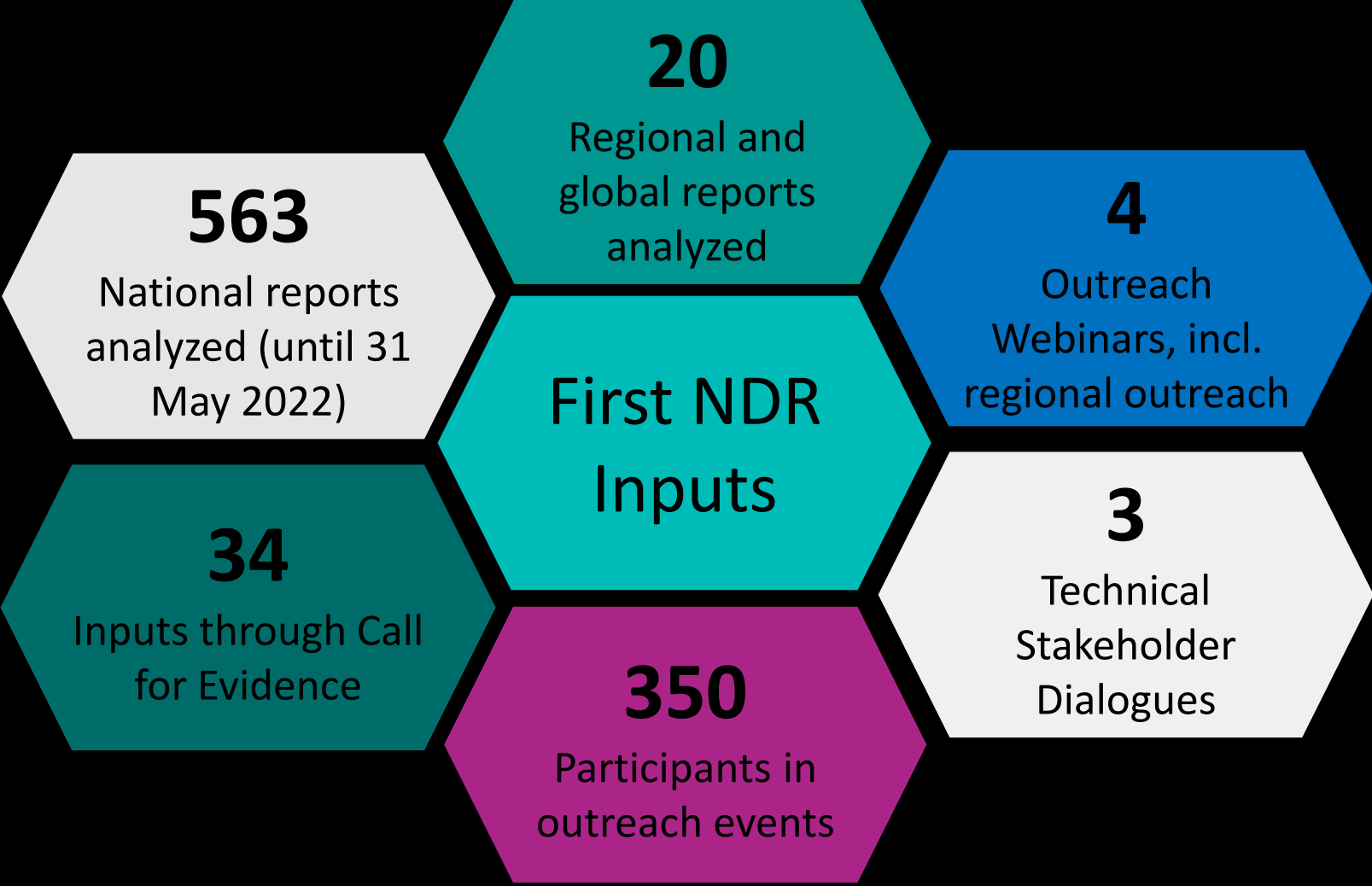


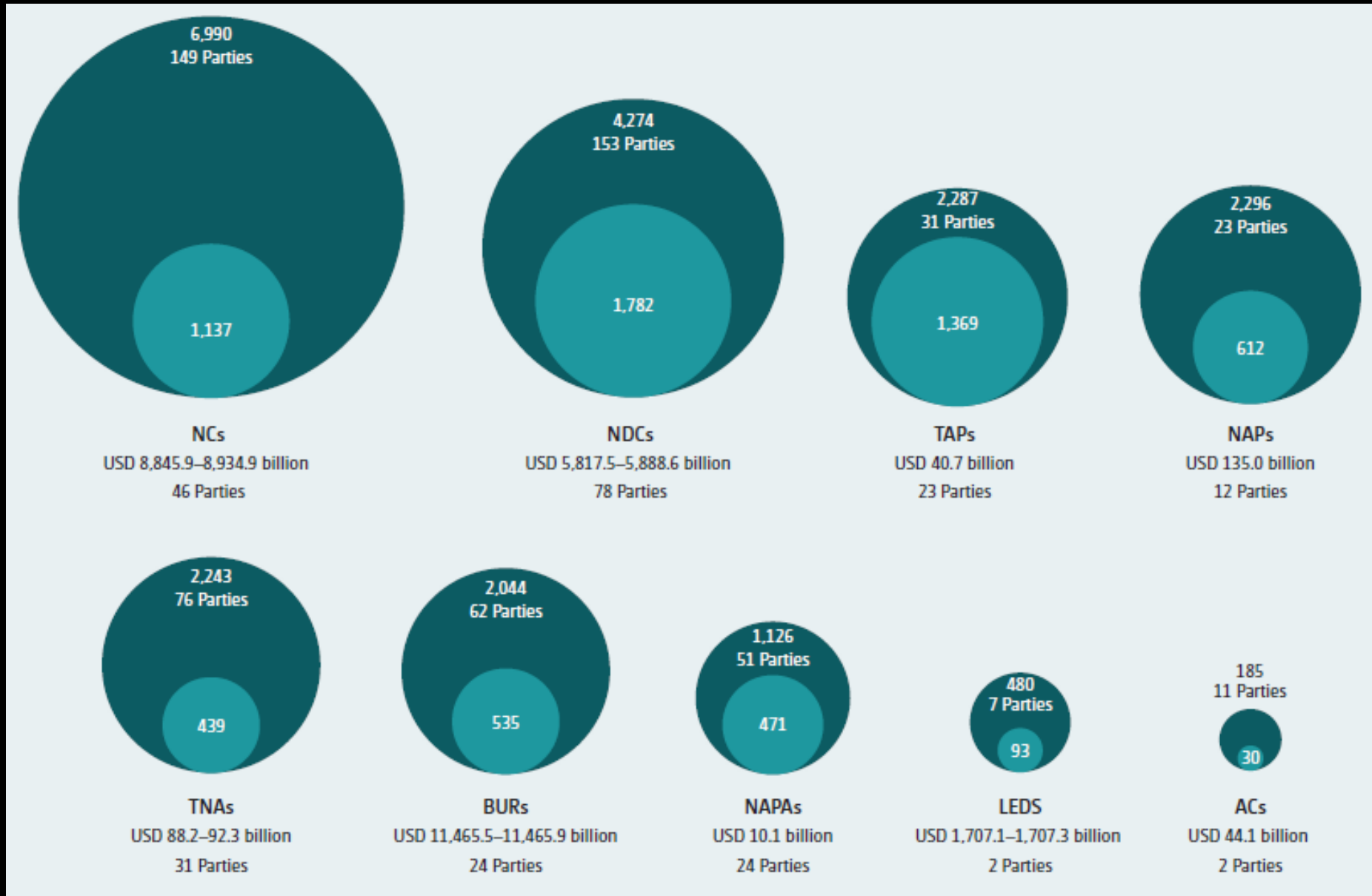
**First Technical Expert Dialogue under the Ad hoc
Work Programme on the New Collective Quantified
Goal on Climate Finance**

**Session 3: Needs and Priorities of developing
country Parties**

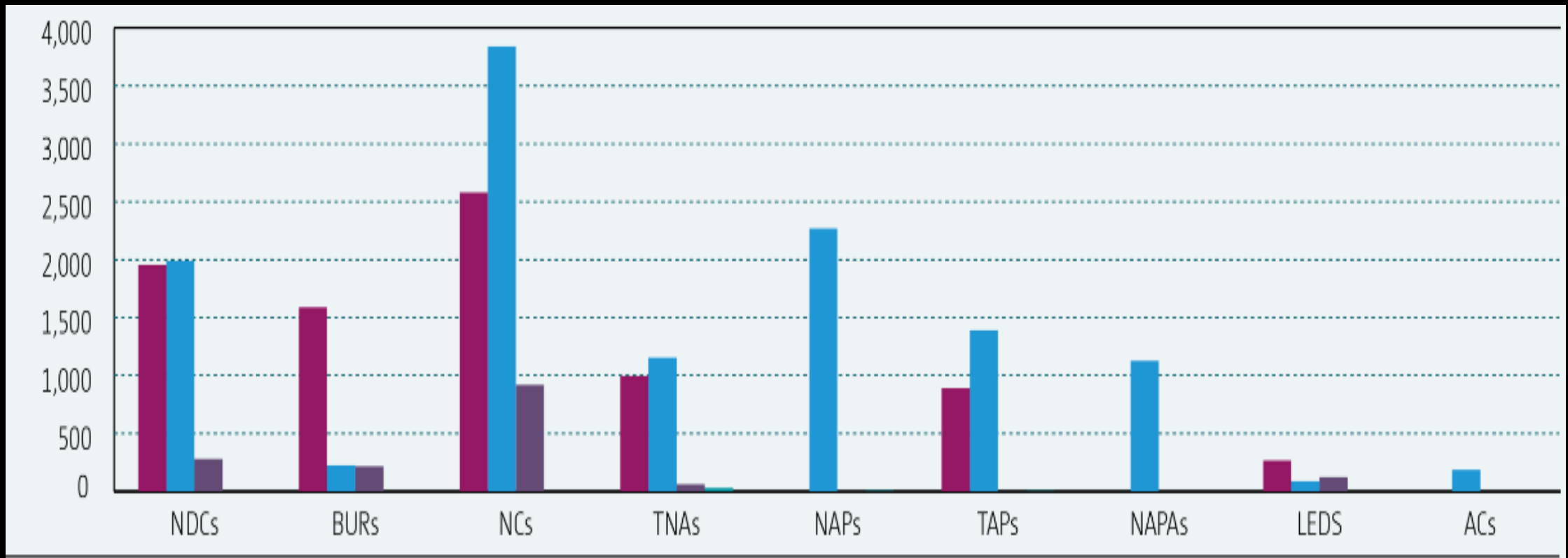
STAKEHOLDER ENGAGEMENT AND INPUT



OVERVIEW OF THE NEEDS BY TYPE OF NATIONAL REPORT

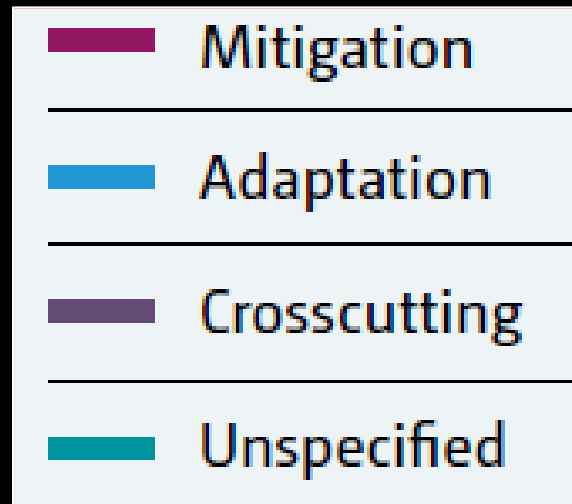


Report		No of Needs	No of Costed Needs	% of costed Needs	Needs Amount
					In
					USD billion
National Communications	149	6990	1137	16%	8,845 – 8,934
Nationally Determined Contributions (NDCs)	153	4274	1782	41%	5,817 – 5,888
Technology Action Plans	31	2287	1369	60%	41
National Adaptation Plans	23	2296	612	27%	135
Technology Needs Assessment	76	2243	439	20%	88.2 – 92.3
Biennial Update Reports	62	2044	535	26%	11,465 -546
National Adaptation Programme of Actions	51	1126	471	41%	10.1
Long-term low greenhouse gas emission development strategies	7	480	93	19%	1,707
Adaptation Communications	11	185	30	16%	44.1



Adaptation identified needs (87–3,841) costing (USD 22 bn - USD 5.3 trillion)

Mitigation identified needs (267–2,579) costing (USD 10 bn - USD 3.8 trillion)



NEEDS IDENTIFIED IN REGIONAL AND GLOBAL REPORTS

- **MITIGATION**

- **Climate economic modelling** for below 2 °C scenarios (USD 2.4–4.8 trillion in annual energy-related investment needs)
- Investment opportunities from **national plans and targets** (USD 23.8–29.4 trillion from 2016 to 2030)
- Investment estimates for **conditional NDC targets** (e.g. USD 715 billion in Africa)

- **ADAPTATION**

- **Bottom-up national and sector-based studies** (USD 140–300 billion annually by 2030)
- **Measuring impacts to GDP** (e.g. USD 289.2–440.5 billion up to 2030 in Africa)
- **Incremental investment needed** to upgrade or retrofit infrastructure (USD 11–670 billion in annual incremental costs)^A

MITIGATION	ENERGY	WASTE AND SANITATION	LAND USE AND FORESTRY	TRANSPORT	AGRICULTURE
Nationally Determined Contributions (NDCs)	47%	9%	20%	16%	9%
Biennial Update Reports	55%	10%	15%	13%	8%
National Communications	53%	8%	17%	13%	9%
Technology Needs Assessment 877	58%	10%	10%	13%	9%
Technology Action Plans	66%	7%	4%	10%	12%

Adaptation	Agriculture	Water	Disaster prevention and preparedness	Coastal Zone Management	Ecosystem	Infrastructure	Health	Forestry
NDCs	31%	22%	10%	7%	9%	7%	10%	7%
NAPs	26%	12%	20%	13%	7%	10%	11%	1%
NCs	33%	22%	6%	8%	10%	3%	10%	8%
NAPA	33%	22%	10%	8%	6%	3%	9%	10%