

Integrating Environmental Sustainability into Health Technology Assessment:

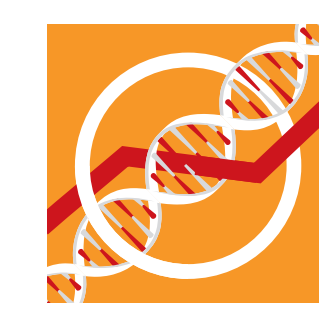
the state of the art and possible trajectories



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ALTEMS
ALTA SCUOLA DI ECONOMIA
E MANAGEMENT DEI SISTEMI SANITARI

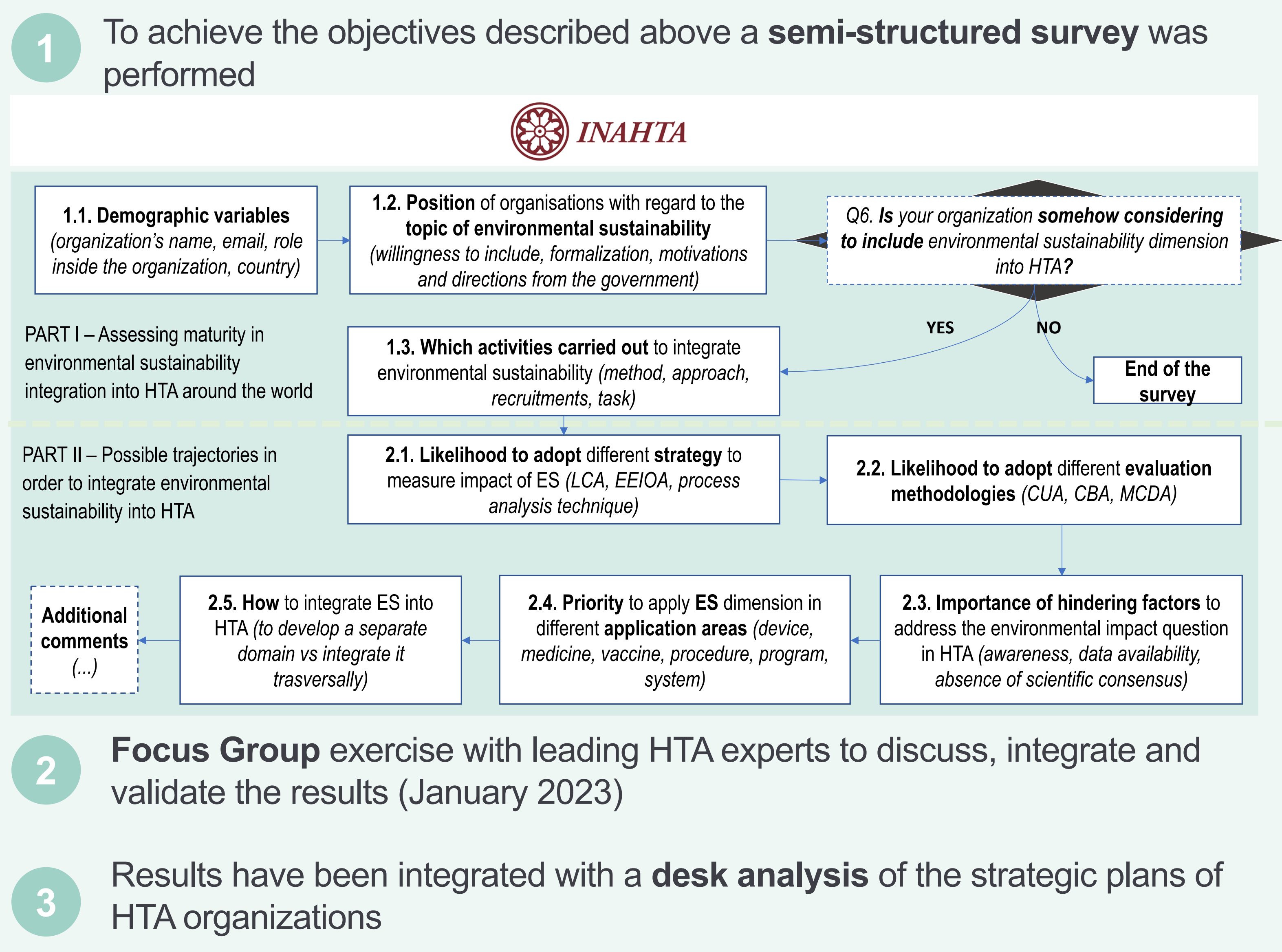
INTRODUCTION

- **Environmental factors** have a significant **impact on health outcomes**, including the effects of climate change, such as extreme weather events, disrupted food systems, increased disease transmission, and mental health issues.
- Incorporating environmental considerations into clinical guidelines and Health Technology Assessments (HTAs) is challenging but **increasingly demanded** by the **public** and healthcare stakeholders, with efforts being made to explore and integrate environmental impacts into these processes.
- It is, however, yet unclear **how many** researchers and HTA organizations are already working on this sustainability dimension, in **what way**, with which (international) partners, and what they have achieved as of now.

OBJECTIVE

- In this context, the **purpose** of this research is twofold:
 - to provide an **overview of the progress achieved by different organizations**, involved in HTA, around the world with respect to the **integration of an environmental sustainability dimension**;
 - to **explore possible trajectories** in order to integrate environmental sustainability into HTA from **those identified as emerging approaches** from the literature review.

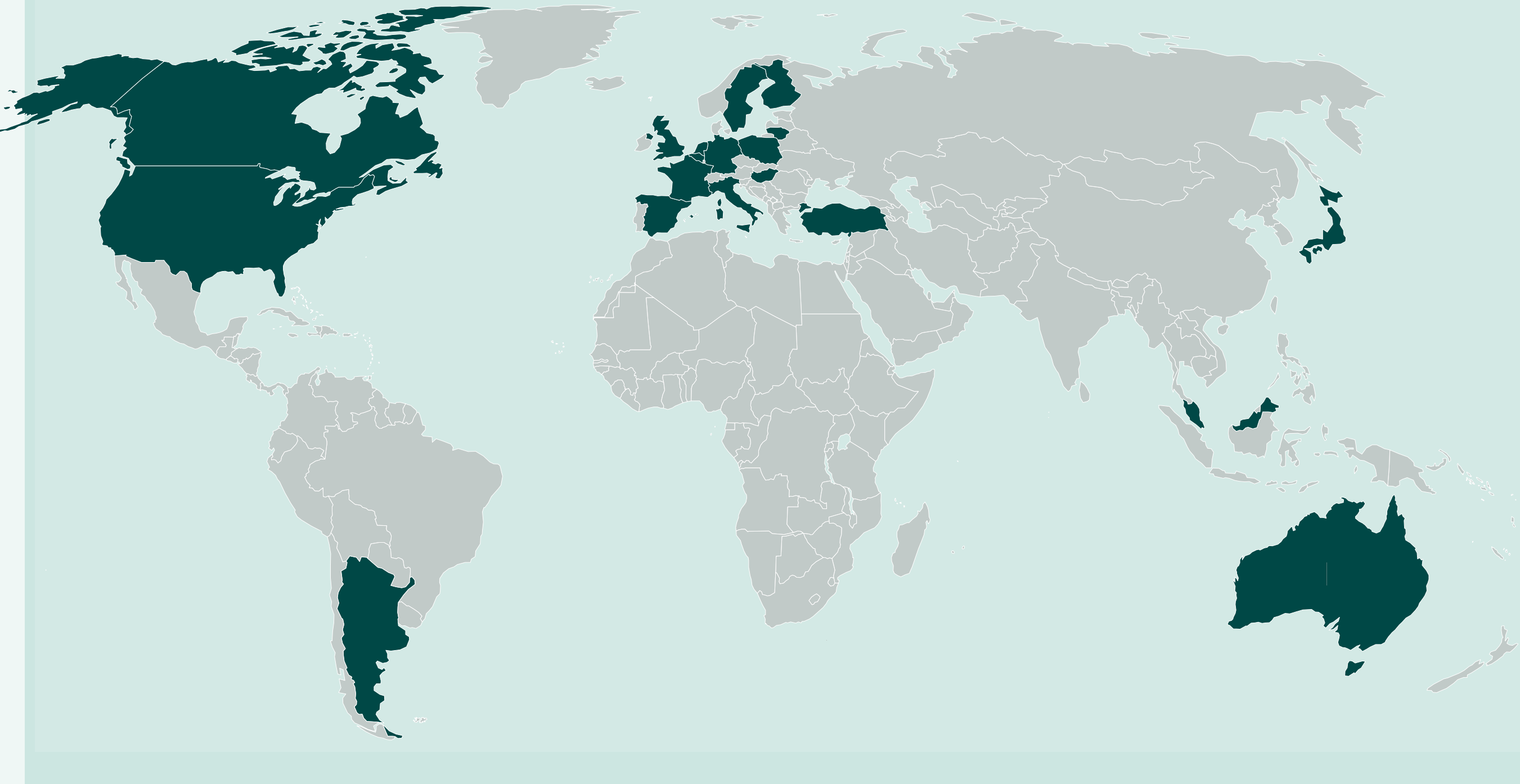
METHOD



RESULTS

Survey respondents

- **26 responsens**
- from **20 different countries**
- Different type of **HTA's organizations**: agencies, research centers, institutes, government departments

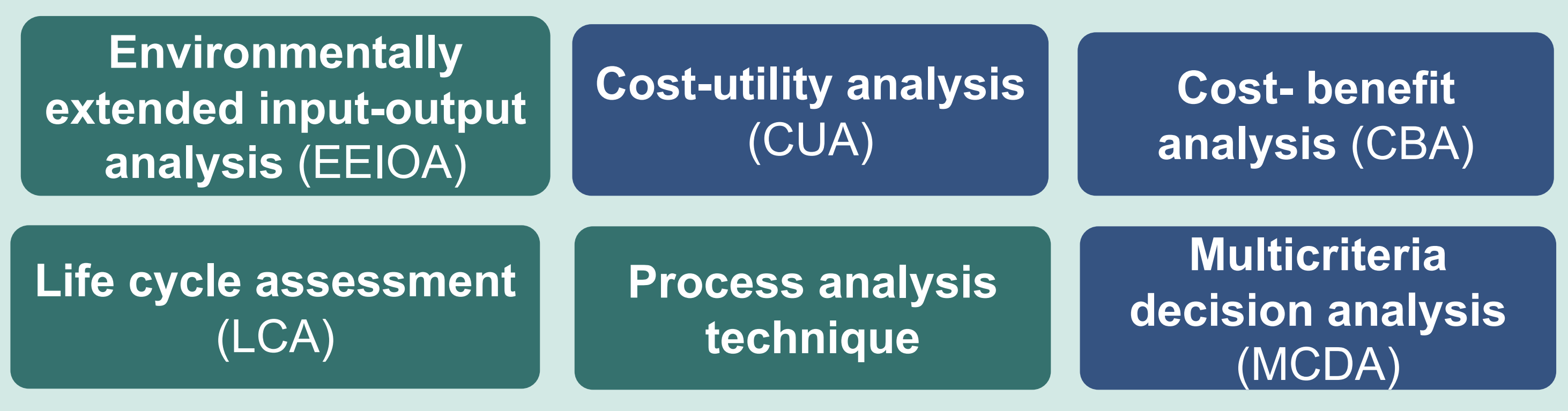


Stage of implementation

the organization is about the integration of ES dimension into HTA

Questions	Yes	Maybe	No
Knowledge - Are you in favor about incorporating environmental sustainability into HTA?	71% (17)	29% (7)	0% (0)
Persuasion - Is your organization somehow considering to include environmental sustainability dimension into HTA?	42% (10)	25% (6)	33% (8)
Decision - Has the integration of an environmental sustainability dimension into HTA been formally included in your organization's strategic objectives?	25% (6)	-	75% (18)
Adoption -Has your organization worked (or it is currently working) on integrating environmental sustainability/impacts dimension into HTA?	38% (9)	-	63% (15)

Alternative strategies to measure EI and evaluation methods



In order to integrate the environmental sustainability dimension into the HTA, **what actions have been taken at organisational level?**

- **1** creation of a dedicated team by new recruitments
- **1** creation of a dedicated team by reorganization of existing units
- **1** assignment of the task to an existing team and strengthening the team through new hires
- **6** assignment of the task to an existing team

Hindering factors for the developing the methods and processes to address

	Average value
Lack of awareness about the relevance of including environmental sustainability into HTA	7,3
Scarce availability of data or difficulty in tracing data back to a specific technology	9,0
Environmental data collection can be labor intensive and time-consuming	8,3
Absence of scientific consensus on the most appropriate integrative approach	8,0
Unfamiliarity with the approaches available	8,1

Priority of different application areas

