



# INTRODUCTION TO FACILITY-LEVEL MRV PROGRAMS

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PARTNERSHIP FOR MARKET READINESS

3<sup>RD</sup> REGIONAL MRV TECHNICAL TRAINING

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- Introduction
- Program objectives
- Foundational elements
- Program structure and design

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- Refers to a set of components
- Collect and track emissions data at the level of individual emitters at regular intervals
- Voluntary or mandatory



## Mandatory

- More prescriptive - greater consistency in reporting
- More likely to be at facility level
- Purely reporting scheme, no targets

## Voluntary

- Greater flexibility
- More likely to be at corporate level
- Companies may report on emissions reductions

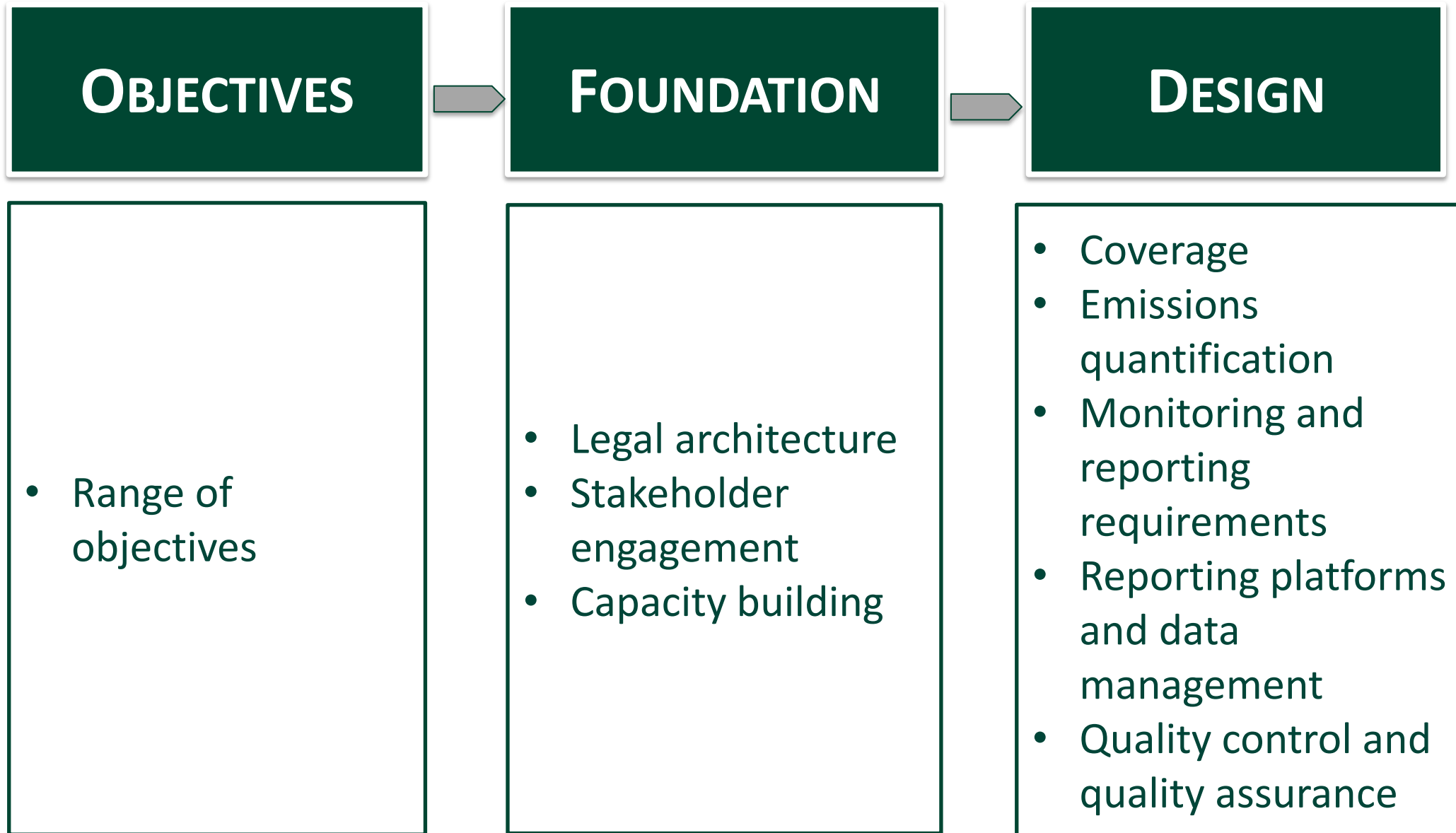
- Develop a sound framework for mandatory reporting
- Provide best practices while recognizing different country context/ priorities/ objectives
- Support developing countries in establishing reporting programs

**PMR Technical  
Note**

**Mandatory  
Facility-level  
MRV Programs  
Design Guide**

# Examples of Mandatory MRV Programs

Jurisdiction	Reporting Program
Australia	National Greenhouse Gas and Energy Reporting
California	Mandatory Greenhouse Gas Reporting Program
Canada	GHG Emissions Reporting Program
European Union	European Union Emissions Trading Scheme
France	Bilan d'Emission de GES
Japan	Mandatory GHG Accounting and Reporting System
United States	GHG Reporting Program
United Kingdom	Mandatory GHG Emissions Reporting
Mexico	Proposed
Turkey	Proposed
South Africa	Proposed





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- Objectives influence program design and implementation
- Established to serve a range of objectives
- Evolve with changing context
- Agreeable to stakeholders
- Short-term and long-term goals

Support emissions  
trading/carbon tax

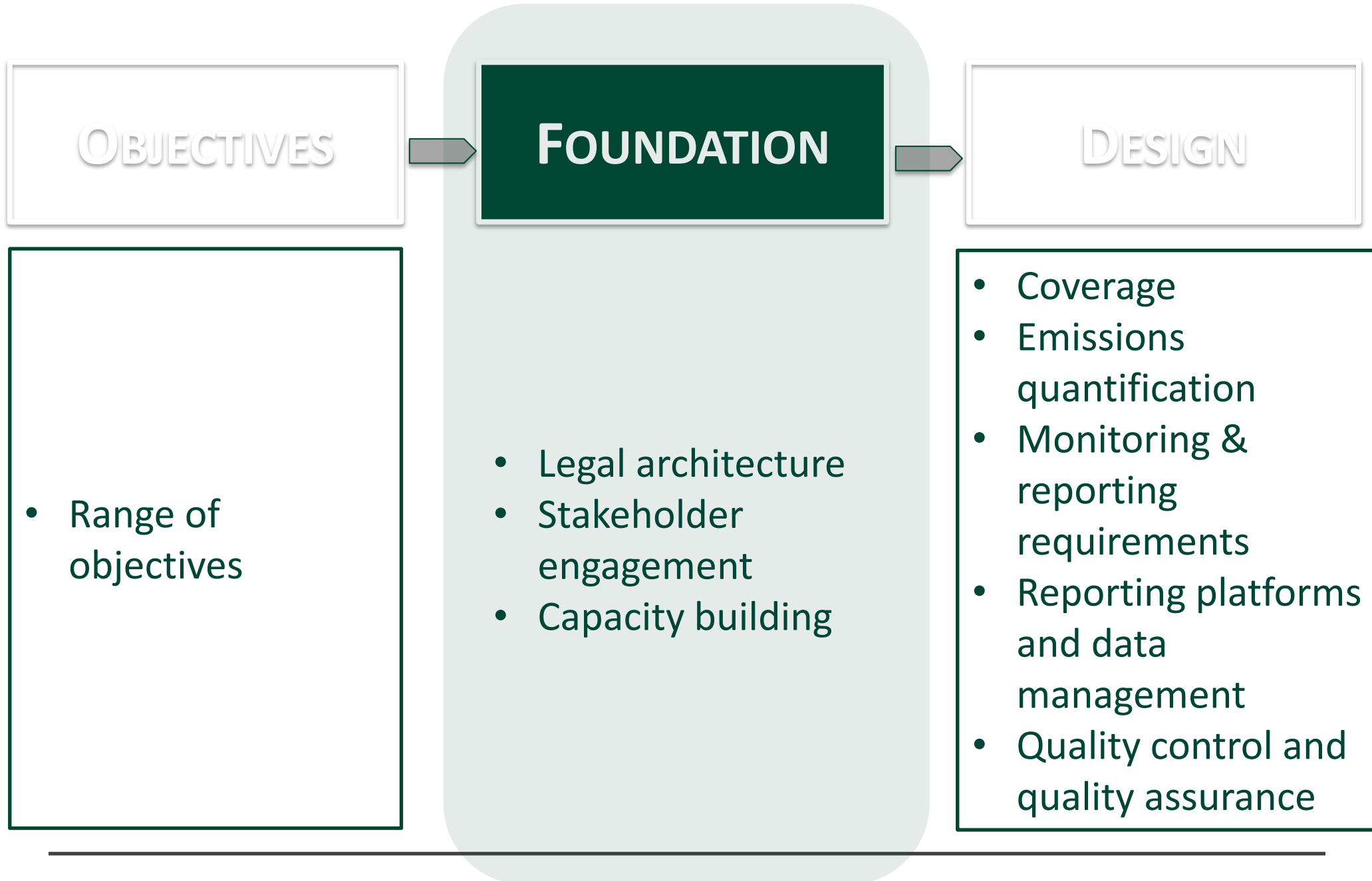
Inform the analysis  
of emissions  
mitigation  
opportunities

Improve data  
quality and  
consistency

Provide  
information to  
stakeholders

Inform national  
inventories

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- Sets an obligation to report
- Establishes institutional, administrative, compliance and enforcement arrangements
- Existing law or new legislation
  - influenced by factors such as objectives, industry buy-in, resources, capacity, and political will
- Laws and regulations

## Who to engage

Reporting entities, government agencies, industry associations, service providers, technical experts, civil society, etc.

## Why to engage

Increase compliance  
Promote transparency  
Resolve conflicts

Create ownership  
Improve preparedness  
Tap existing expertise

## What issues to engage on

Rationale for the program, program design, technical issues, experiences from other programs, etc.

## How to engage

Public comments to written documents, meetings, open discussions, webinars, help desk, website, etc.

## Institutional

- Identify an existing institution(s) or establish a new body as program administrator
- Division of duties across different departments

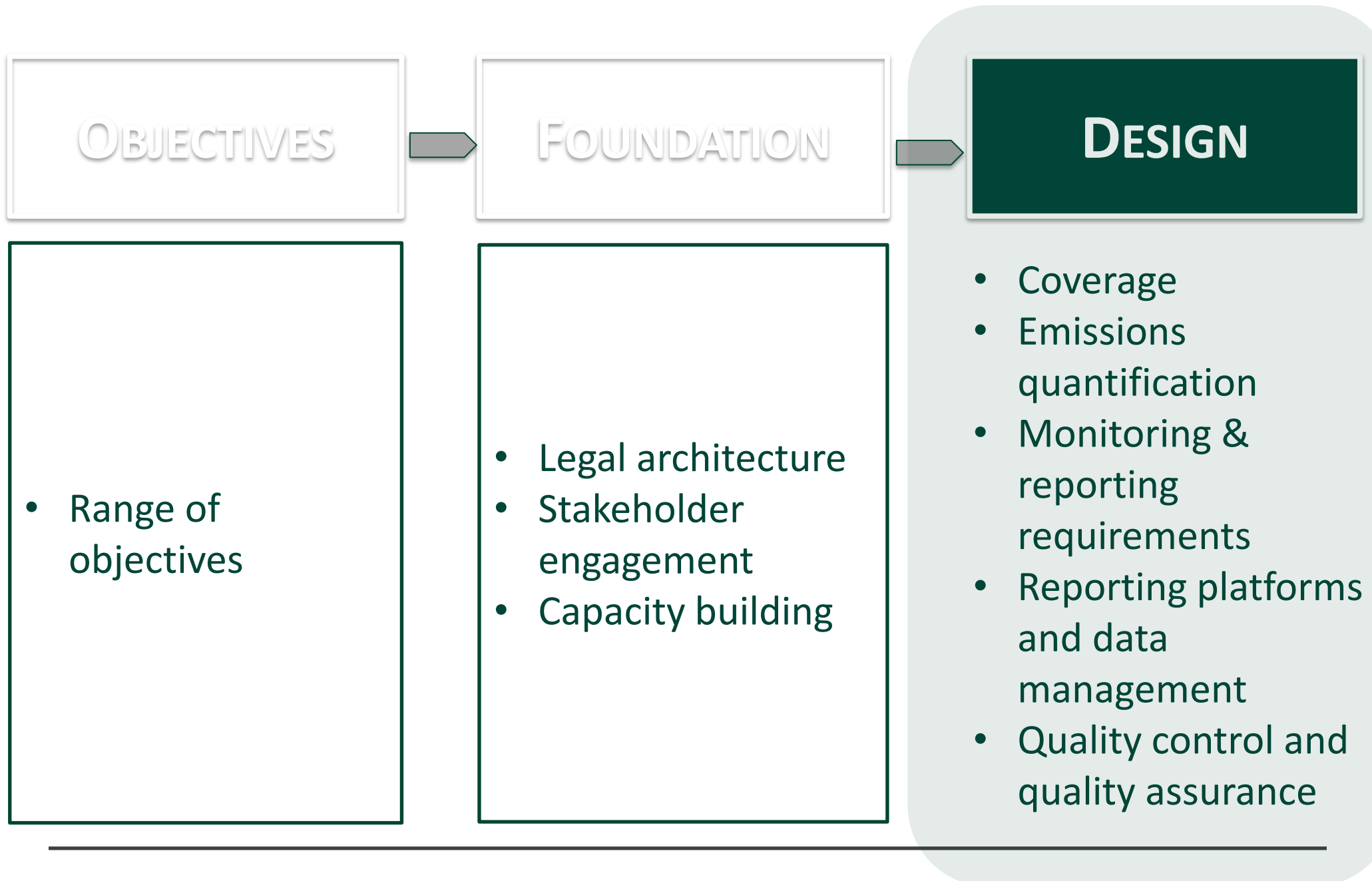
## Human resource and Technical

- Number and skill level of staff depend on scale
- Outsource some functions (help desk, IT support)
- Build capacities of reporting entities

## Financial

- Program cost to regulators and reporters
- One time costs (pre-regulation outreach)
- Operational costs (reporting, verification)





- Who reports what?
- How are emissions calculated?
- What are the monitoring and reporting requirements?
- How is reported data obtained/stored?
- What quality control and assurance measures should be taken? Is the data verified?

Thank You

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