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Research Group: Information Management

## What is FAIR?

### Findable

- F1. (meta)data are assigned a globally unique and persistent identifier
- F2. data are described with rich metadata (defined by R1 below)
- F3. metadata clearly and explicitly include the identifier of the data it describes
- F4. (meta)data are registered or indexed in a searchable resource

### Interoperable

- I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation
- I2. (meta)data uses vocabularies that follow FAIR principles
- I3. (meta)data include qualified references to other (meta)data

### Accessible

- A1. (meta)data are retrievable by their identifier using a standardized communications protocol
  - A1.1. the protocol is free, open and universally implementable
  - A1.2. the protocol allows for an authentication and authorization procedure, where necessary
- A2. metadata are accessible, even when the data are no longer available

### Reusable

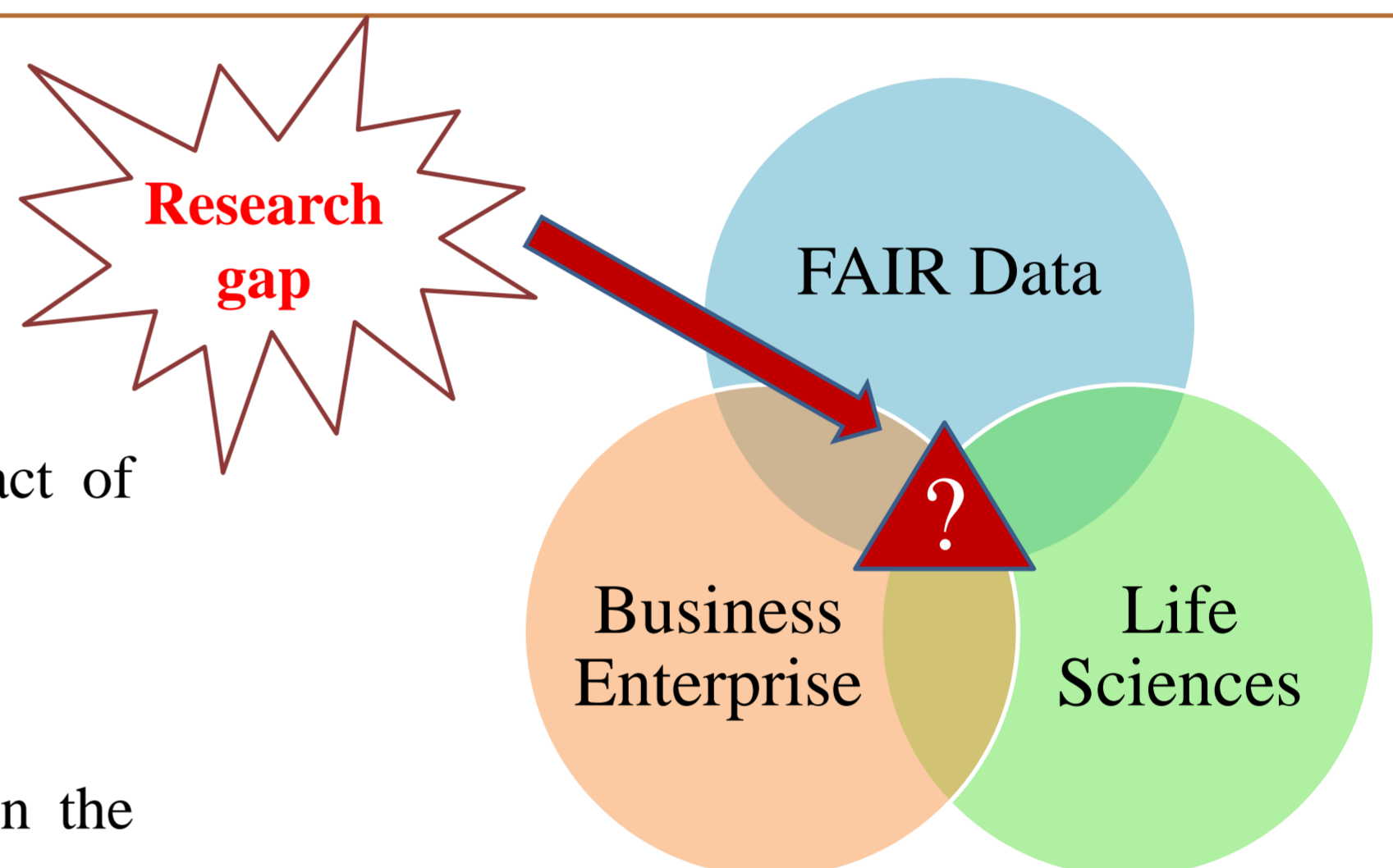
- R1. (meta)data are richly described with a plurality of accurate and relevant attributes
  - R1.1. (meta)data are released with a clear and accessible data usage license
  - R1.2. (meta)data are associated with data provenance
  - R1.3. (meta)data meet domain relevant community standards



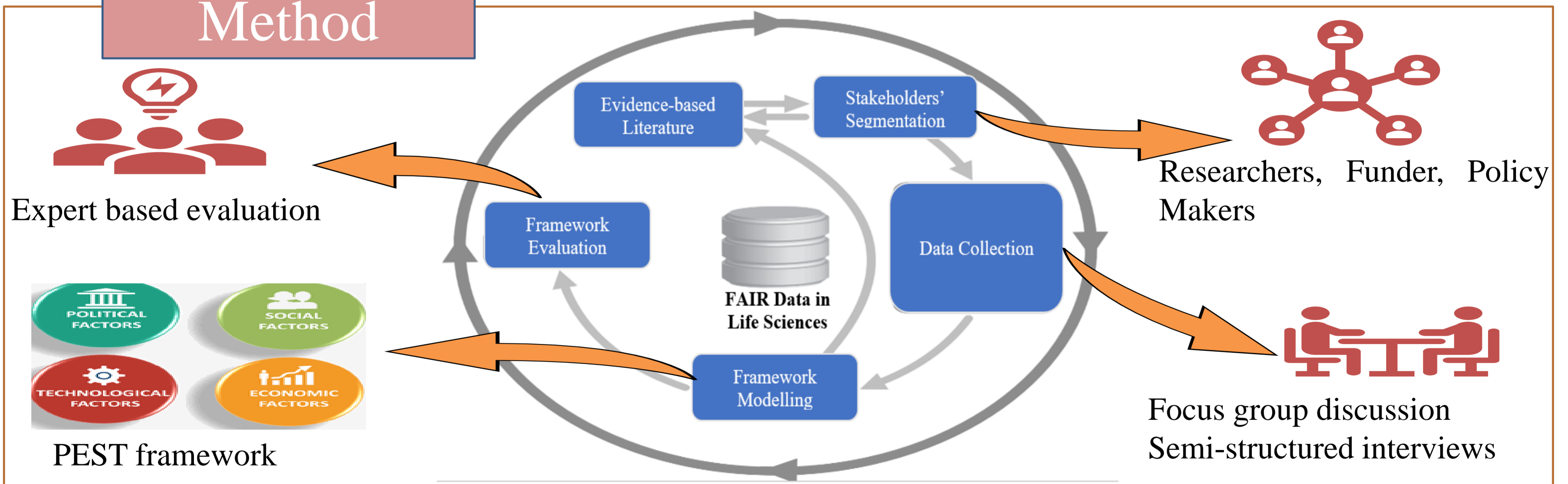
## Aim & Objectives

➤ To advance the state of the art and practice in FAIR data principles, and understand their implications on life sciences, involving three main objectives:

1. To develop a methodological framework to understand the impact of FAIR adoption,
2. To evaluate the framework using expert-based evaluation, and
3. To provide a strategic framework to support cooperation between the public and private sectors.



## Method



## Community



European life-sciences infrastructure for biological information

<https://elixir-europe.org/>



FAIRplus

EU public-private partnership funding health research and innovation

<https://fairplus-project.eu/>