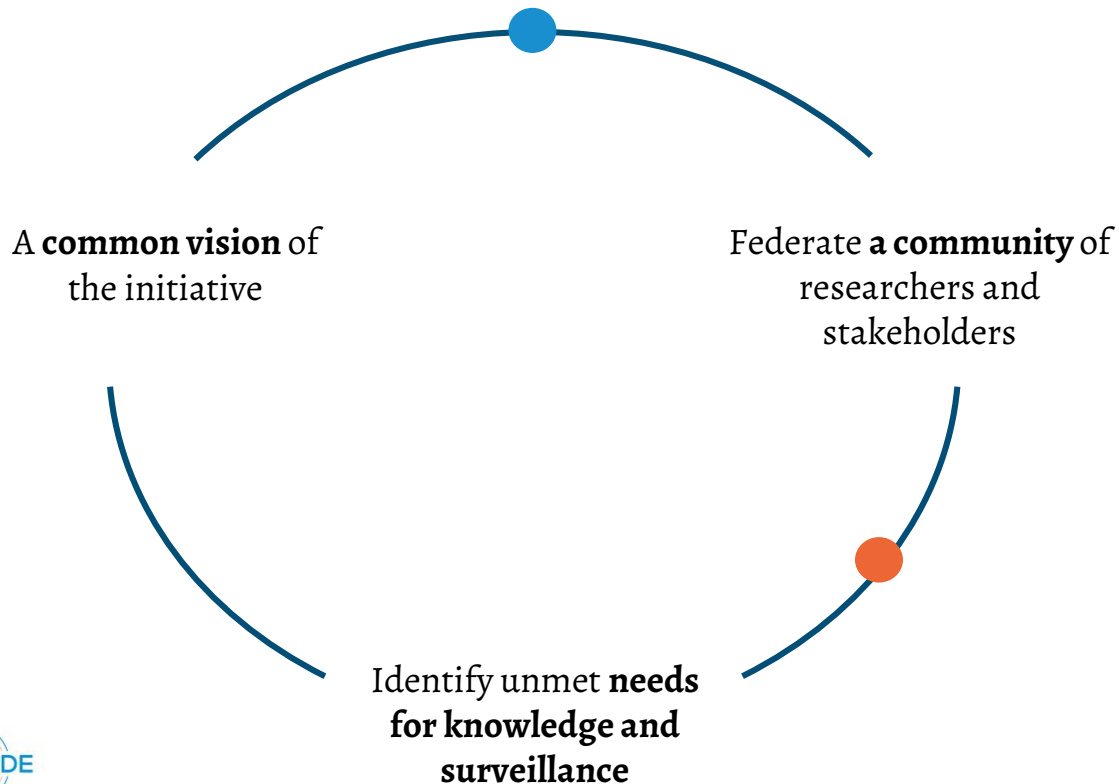


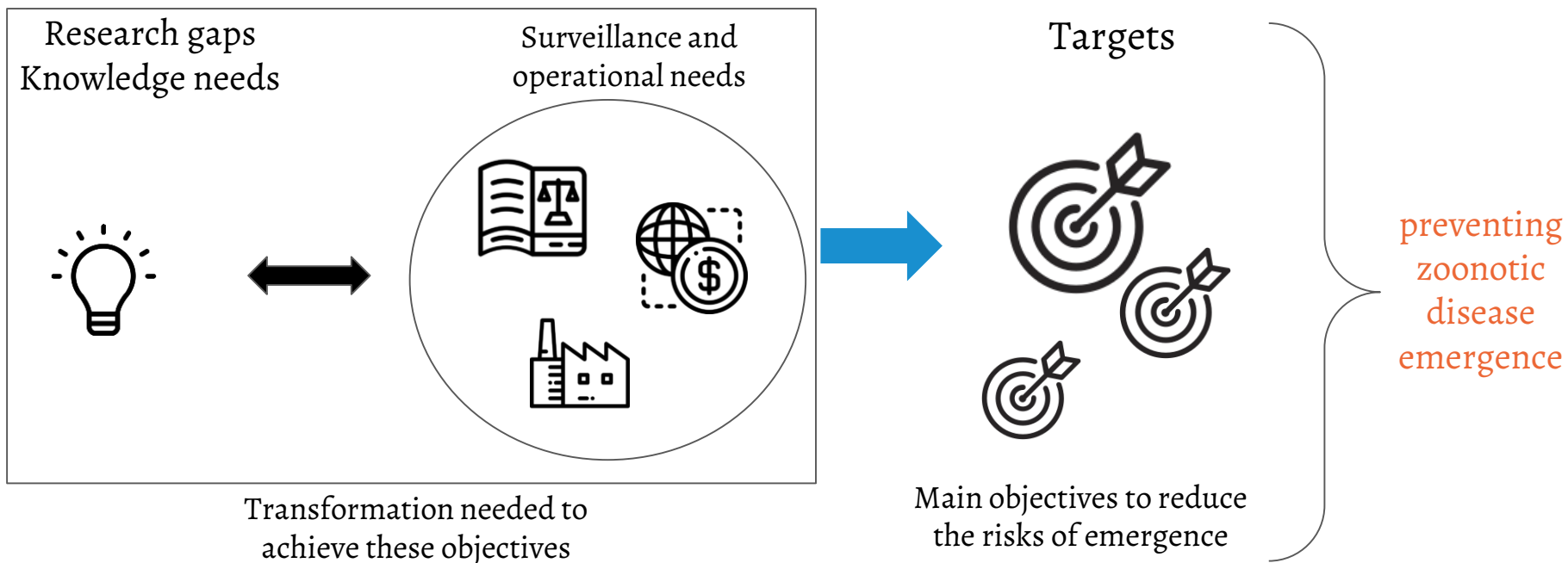


# 3 European workshops to build impact pathways

# A series of regional workshops to co-design the initiative



# 3 European workshops to build impact pathways



# European workshops : 3 sessions



July 2021  
workshop 1

Scientists

60 research institutes  
125 participants  
19 countries



October 2021  
workshop 2

Stakeholders

94 participants - 12 countries

Representatives of ministries  
Representatives of the European Commission  
European agencies (ECDC, EFSA, EEAS)  
International organisations  
Professional organisations  
Representatives of the private sector  
Think tank  
NGOs



December 2021  
workshop 3

Scientists  
+  
Stakeholders

192 participants  
69 scientists  
20 countries



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# 3 European workshops to build impact pathways

workshop 1

workshop 2

workshop 3


Scientists

Stakeholders


Scientists  
+  
Stakeholders


What are the main objectives to prevent zoonotic disease emergence ?

**5 targets** identified in several fields

 Livestock

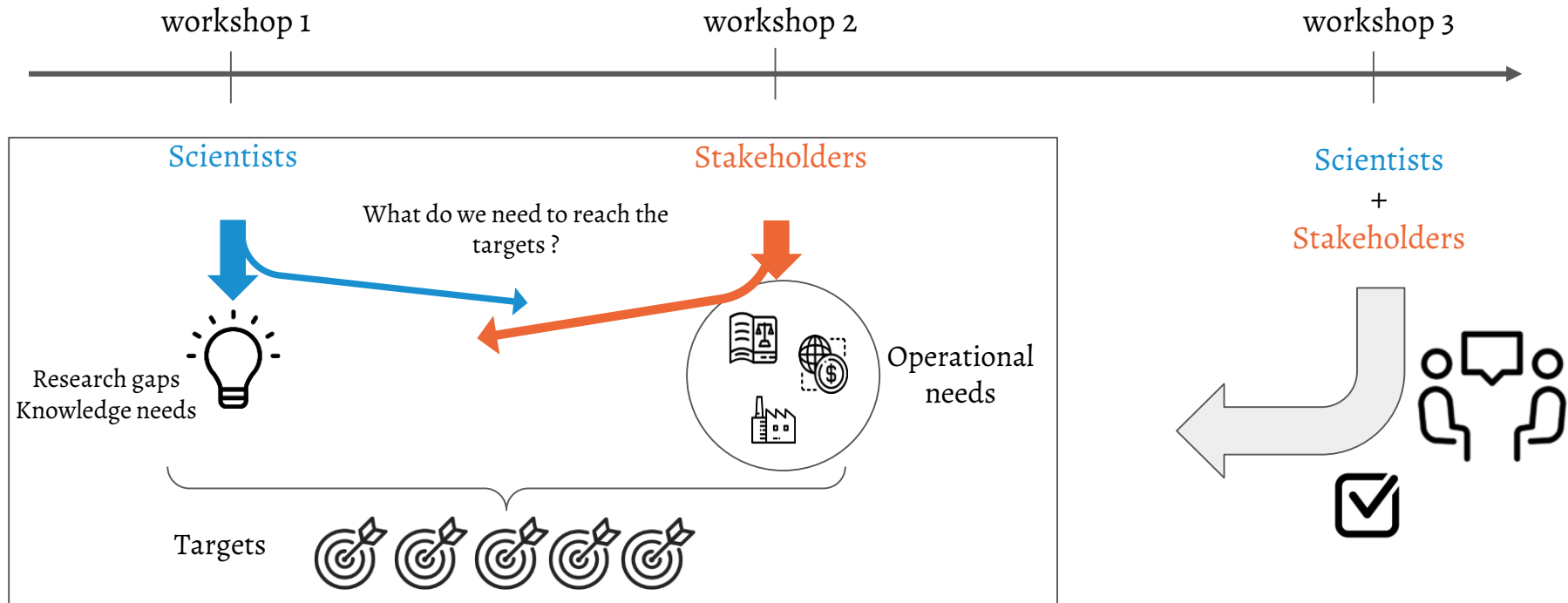
 Surveillance network

 Wildlife

 One Health public policies

 Remote footprint of Europe

# 3 European workshops to build impact pathways



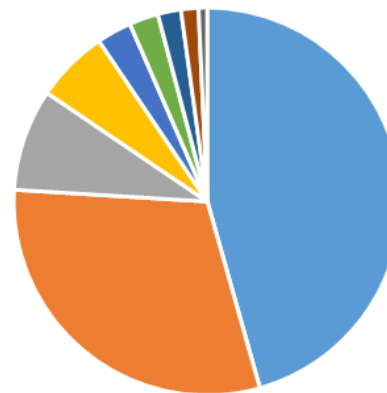
# European workshops: gathering to co-construct the initiative

24 countries



+ 300 participants

60 research institutes  
and other stakeholders



- Academic
- Government
- Private
- Agency
- NGO
- European Commission
- Interprofessional
- Funding body
- Think tank



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# Targets to reach



Sustainable livestock farming with low environmental impact and low risks of zoonotic disease emergence



Socio-agro-ecosystems with high (wildlife) biodiversity and low risks of zoonotic disease emergence



Efficient detection and surveillance networks for zoonoses



Integrated One Health public policies



Reduction of the footprint of Europe on zoonotic risk



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Sustainable livestock farming with low environmental impact and low risks of zoonotic disease emergence



Socio-agro-ecosystems with high (wildlife) biodiversity and low risks of zoonotic disease emergence

## Targets

### 1 & 2



- Resilient livestock/wildlife interface
- European policy framework adapted to regional specificities
- Comprehensive understanding of the risks by society

- Sustainable agricultural land management
- Food security and safety
- Fair income for farmers and animal welfare

- Sustainable wildlife management
- Reduction of alien species and animal products introduction
- Transition towards “resilient” greener cities



## Research and knowledge needs

- Understanding zoonotic risk dynamics with the trend towards more outdoor livestock farming
- Understanding zoonotic risk dynamics associated with change in biodiversity together and with other major drivers (climate, urbanization, etc)
- Characterizing the transmission loops of zoonoses from human to animals and back to humans



## Operational needs

- Adapting public policies and subsidies accounting for changes in livestock farming
- Developing integrated/inclusive Animal health regulations in the context of livestock farming evolution
- Restoring biodiversity across scales while increasing our capacity to reduce risk of transmission

## Targets 1 & 2

Sustainable livestock farming with low environmental impact and low risks of zoonotic disease emergence

Socio-agro-ecosystems with high (wildlife) biodiversity and low risks of zoonotic disease emergence



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## Research and knowledge needs

- Characterizing the importance of AMR in the zoonotic burden from livestock
- Identifying risk associated with alternative species breeding
- Studying the impacts of biodiversity conservation strategies on zoonotic risks
- Assessing the role of both legal and illegal wildlife trade



## Operational needs

- Strengthening One Health European policy of AMR reduction
- Increased use of plant proteins and food sovereignty
- Working on the values of biodiversity
- Better regulating and controlling wildlife trade

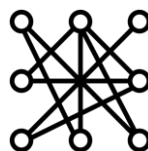
## Targets 1 & 2

Sustainable livestock farming with low environmental impact and low risks of zoonotic disease emergence



Socio-agro-ecosystems with high (wildlife) biodiversity and low risks of zoonotic disease emergence





### Efficient detection and surveillance networks for zoonoses

- Integrated and efficient surveillance across scales
- Relevant detection and surveillance for unexpected pathogens
- Ensured ethical practices



## Research and knowledge needs

- Developing efficient tools for diagnosis, early detection and surveillance
- Developing FAIR and ethical data management throughout the surveillance process
- Deployment, coordination and analyses of networks at the European level to maximize alerts



## Operational needs

- Adapting public policies to outcomes of innovative tools
- Developing One Health surveillance - cross sectorial from local to global at EU level
- Ensuring durability of surveillance policy

# Targets

3

Efficient detection and surveillance networks for zoonoses



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## Integrated One Health public policies

- Economic sustainability
  - International cooperation
- 
- Co-design of public policies



## Reduction of the footprint of Europe on zoonotic risk

- Low impact of European consumption, production and tourism
- Sustainable diets

# Targets 4 & 5





## Research and knowledge needs

- Designing efficient public policies in the frame of the One Health concept
- Designing innovative science, citizen, policy interfaces



## Operational needs

- Linking sectoral policies with risk of zoonotic disease emergence
- Developing a framework for actor engagement

## Targets 4 & 5

Integrated One Health public policies

Reduction of the footprint of Europe on zoonotic risk



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## Research and knowledge needs

- Characterizing the footprint of European consumption on zoonotic diseases risks
- Integrated strategies to reduce footprint
- Strengthening our understanding of benefits from international cooperation regarding the prevention of zoonotic diseases



## Operational needs

- Fund transition toward sustainability
- Supporting international surveillance strategy
- Promoting international cooperation to foster prevention

# Targets 5

Reduction of the footprint of Europe on zoonotic risk

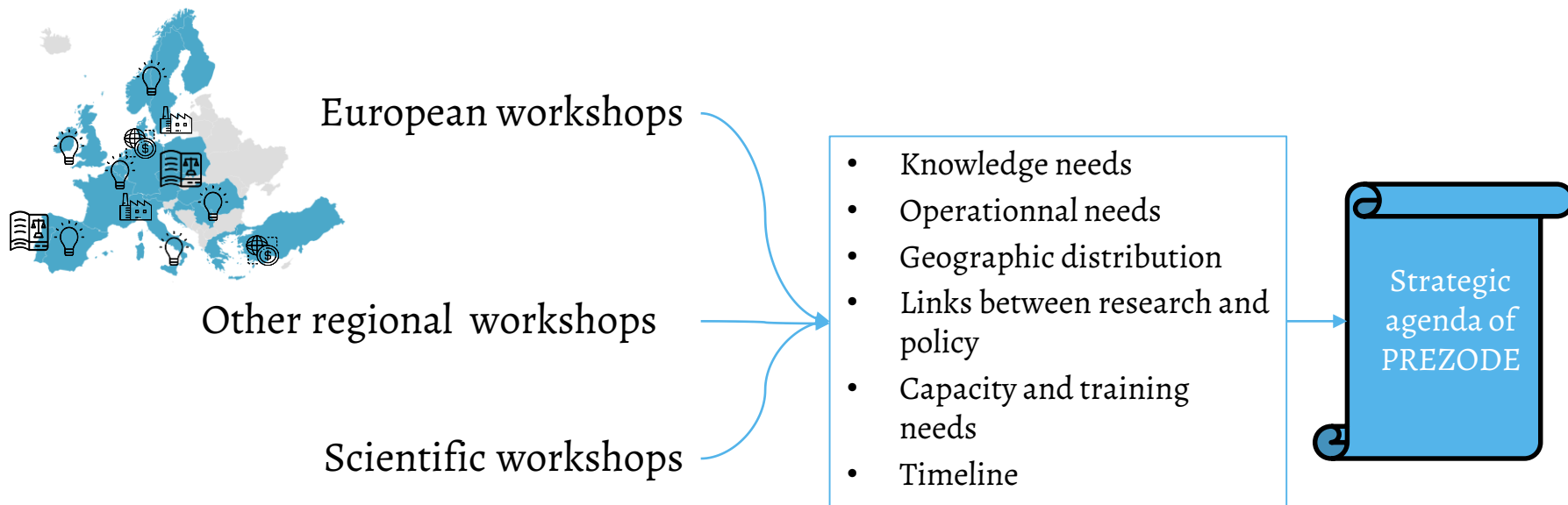


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# An ongoing process





Thank you for your attention



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