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# Resilience, Flexibility, Communication: Lesson Learned from Implementation Research in COVID-19 pandemic

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**On behalf of Team Indonesia**

Scaling Up NCD Interventions in SouthEast Asia  
SUNI-SEA

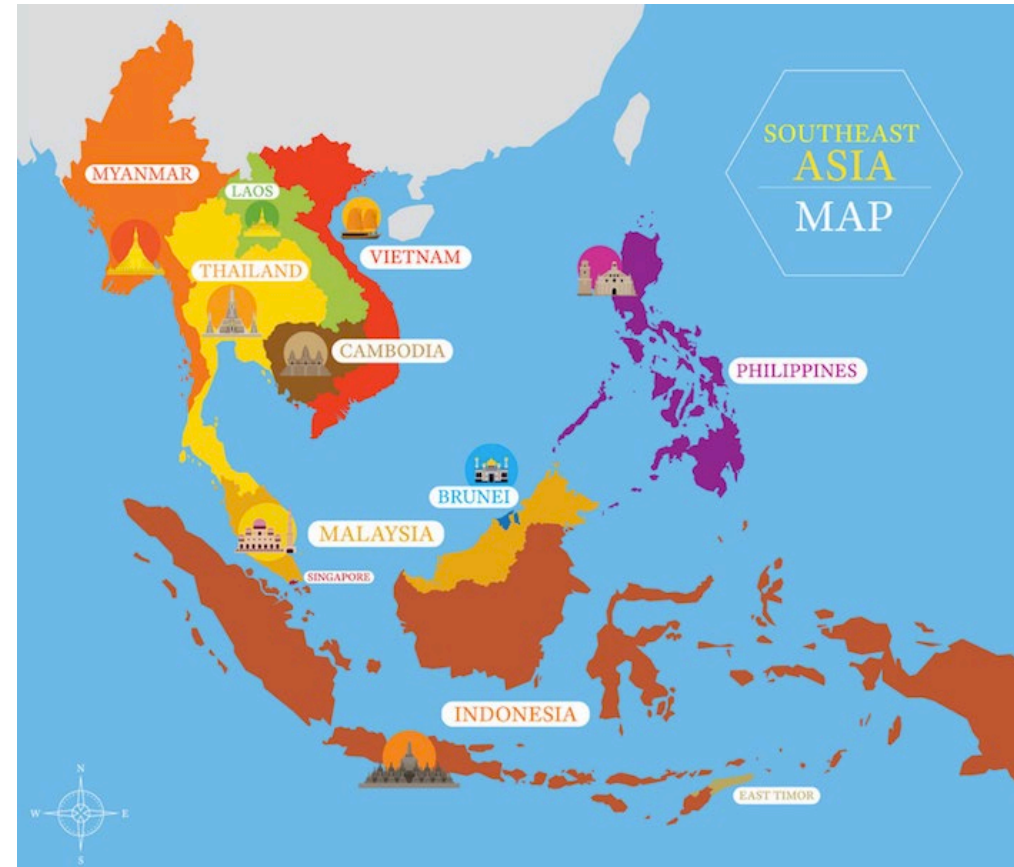


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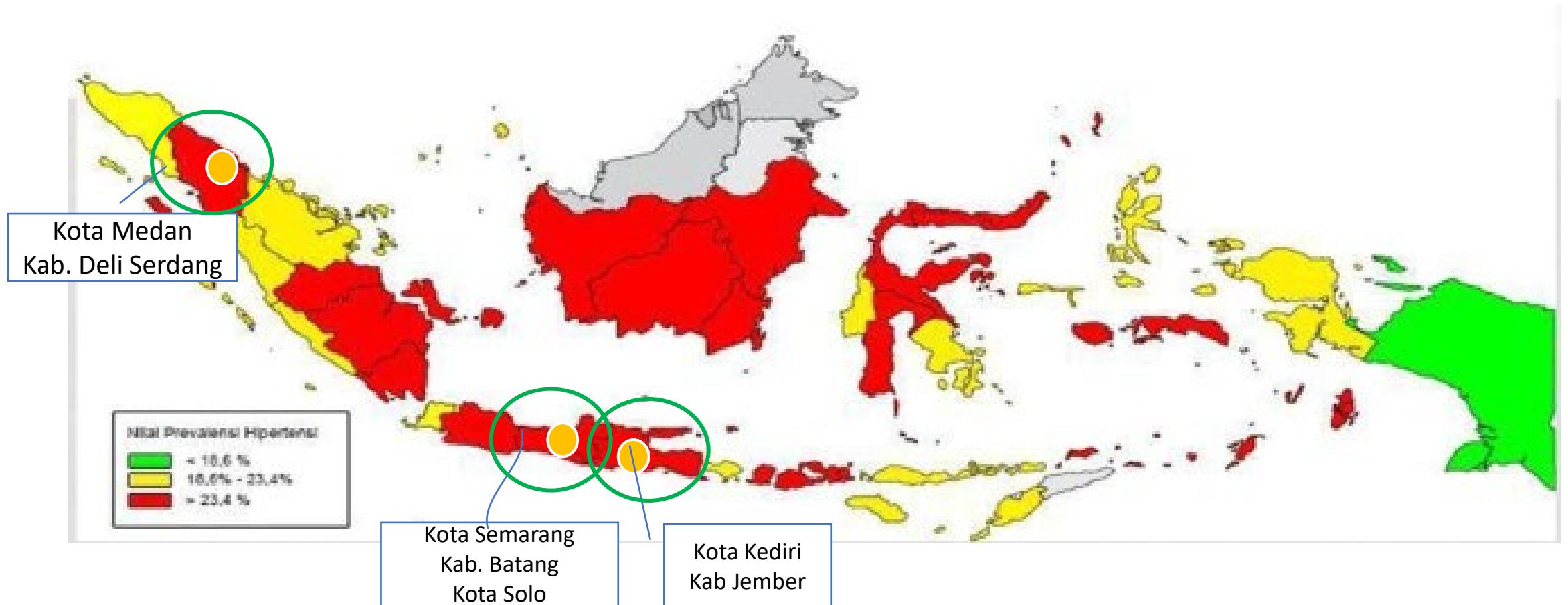
# SUNISEA Project



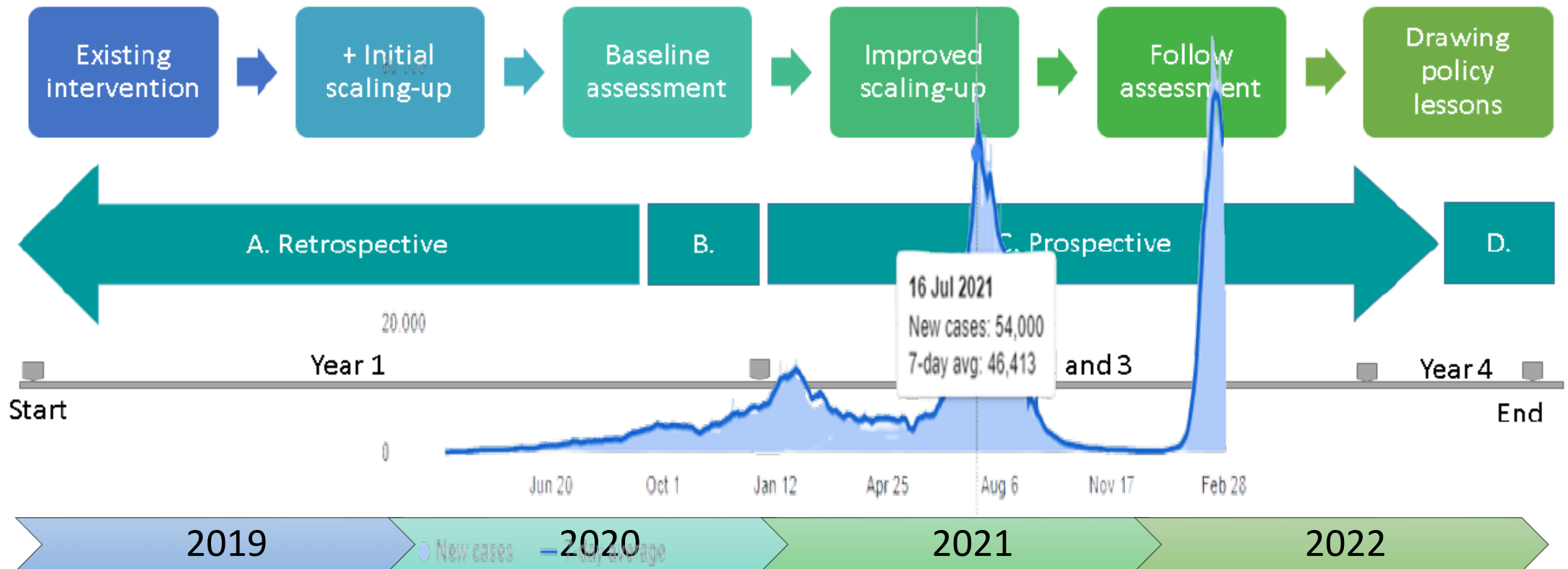
- Increased prevalence of Non-communicable diseases globally
  - Hypertension and diabetes
- There's need for effective control strategy
  1. What works?
  2. What is best value for money?
  3. What can be scaled up to national level?



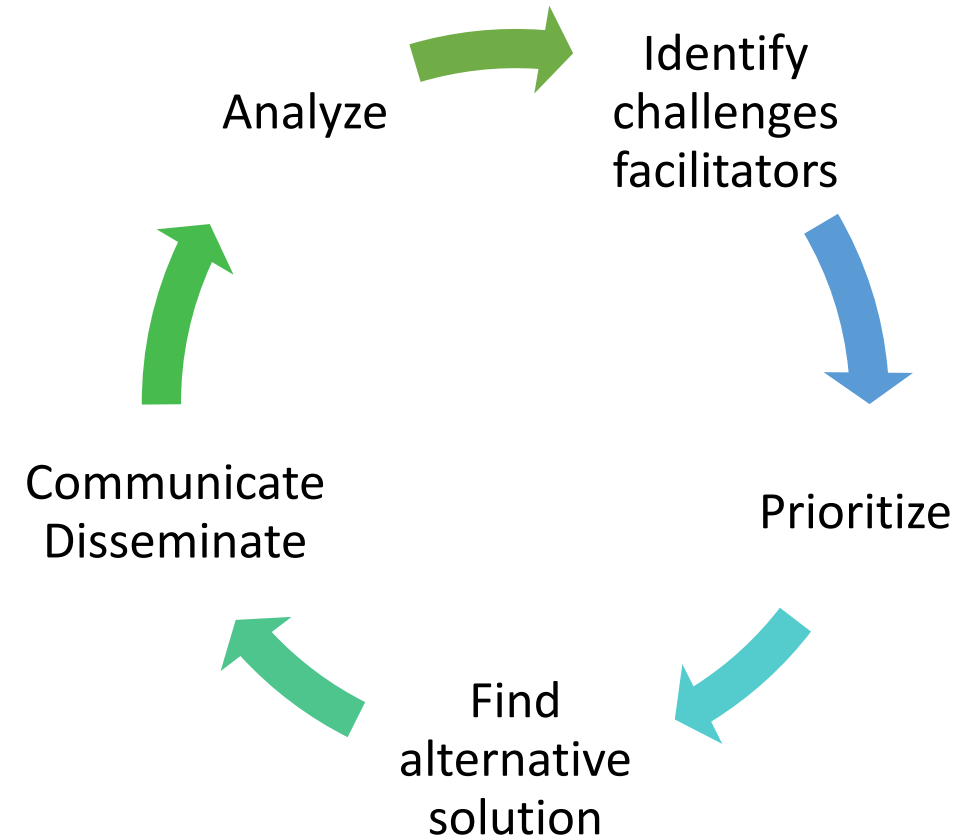
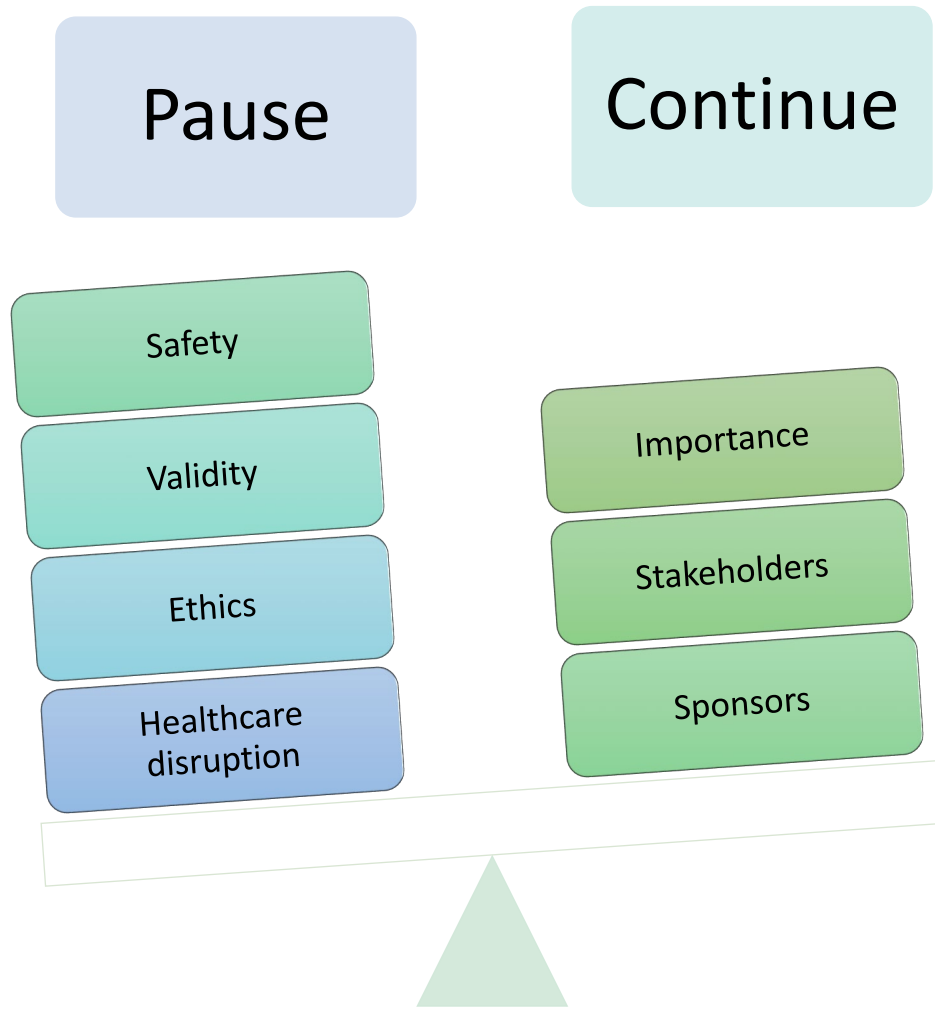
# SUNISEA Indonesia



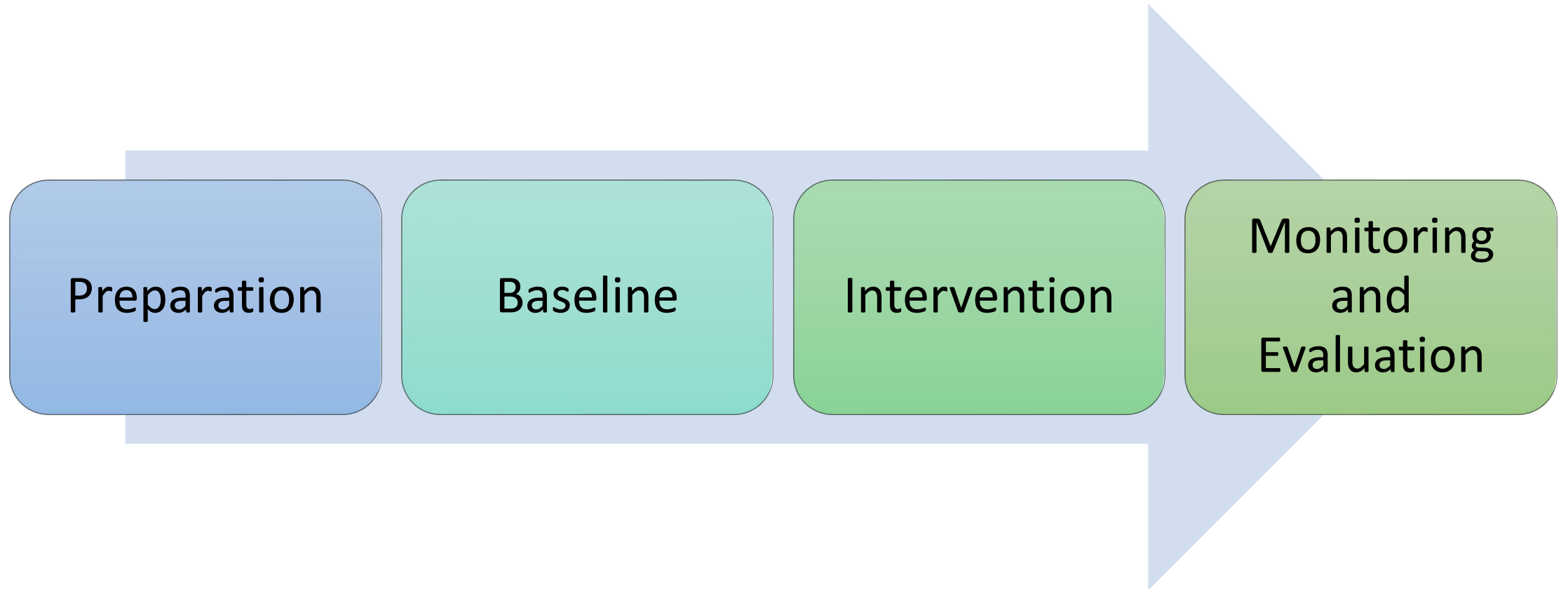
# SUNISEA Timeline



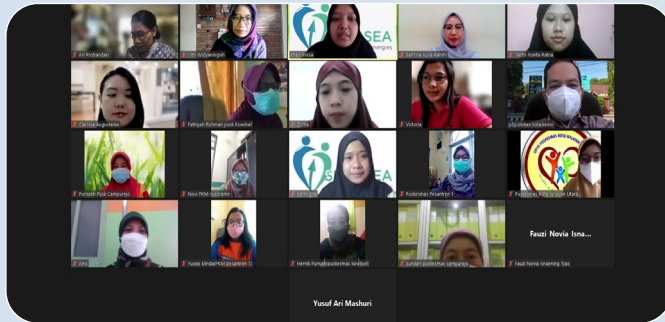
# Challenges during COVID-19



# How we moved forward



# Preparation



## Analyses and dissemination of retrospective phase

- Safety and health measures (for staff and stakeholders)
- Adjustment of several offline meeting to blended/online
- Extend the period of analyses and planning

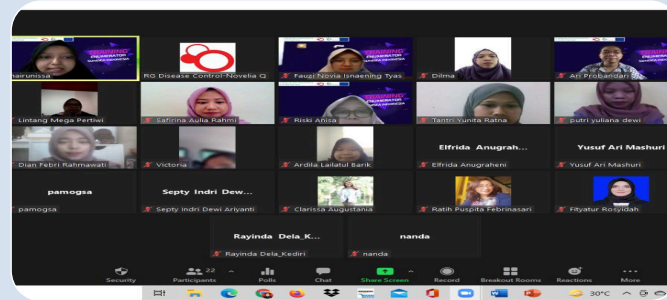
## Adjustment in data collection and intervention

- Inclusion of COVID-19 related precautions on planning and budgeting as well as data collection (instruments)
- **Several plans and alternative**
- PPE, procedure for meetings, procedure for data collection

## Communicate and disseminate with stakeholders

- Regular meeting for updates and feedback
  - Stakeholders, consortium
- Limited travel → involvement of local network to obtain permit and early coordination

# Baseline data collection



## Enumerator recruitment

- Network-based recruitment
- Online interview and selection process
- Vaccination of enumerators
  - Collaborate with local stakeholders

## Enumerator Training

- Online session (synch and asynchronous)
- Video for skills
- Safety and health measures

## Data collection and Supervision

- Online & offline supervision
- Daily data cleaning
- Interrater validity
- Safety and health measures
  - Safety checklist
  - Vaccination
  - PCR swab



# Intervention



## Training

- Blended training with online offline session
- Use of video and other media
- Health protocol: number of participants, location, procedures



## Intervention Implementation

- Close coordination with local stakeholder
- Close supervision with field coordinator (weekly)
- Health and safety measures
- Healthcare disruption
- **Limited time of intervention → more proximal indicators**
- Analyze – Evaluate - Communicate



## Monitoring and Evaluation

- Inclusion of factors affecting implementation
  - Healthcare disruption
  - Safety and health protocol
- Tracing back secondary data of program before COVID-19 (healthcare disruption)

# Conclusion



- Resilience
  - Continuous analyses of current situation in each areas
  - Safety and health measures for research staff and
  - Ensure of validity and ethics of the implementation research
- Flexibility
  - Adapt and prepare for alternative plans
  - Move forward with the best possible alternative
- Communication and dissemination
  - Close communication with local stakeholders
  - Available local network
  - Coordinate and communicate with consortium members, sponsors

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