Learning Question 1: What are the contributions of systems thinking approaches and tools to changes in health system outcomes? How do systems thinking approaches affect health system outcomes?

# **Strengthening Interoperable Data** Systems for Health Security in Indonesia

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Wildlife sector

field officers report

disease to SehatSat

which feeds into SIZ



international partners in Indonesia to identify key challenges and design

them, involving all stakeholders to ensure the success of SIZE 2.0 and

transition to a new agency to ensure long-term financial and IT resources

DEVELOPMENT

### **Activity Impact** Animal health sector field officers report disease to iSIKHNAS which feeds into SIZE Human health sect field officers report disease to EWARS which feeds into SIZE

IDDS' efforts in Indonesia created linkages across sectors and health system levels, developing multisectoral partnerships and networks as part of a broader health systems strengthening approach. IDDS institutionalized efforts by working to develop a supportive policy context with advocacy for and subsequent creation of the Coordination Working Group for the Prevention, Detection and Response of Zoonoses/EIDs across Sectors. In addition to bolstering governance and multisectoral coordination, IDDS was able to obtain commitment and align visions across the varied stakeholders that make up the One Health approach: human, animal, and environmental health. The actual development of the SIZE system also strengthened interoperability between the One Health information systems, enabling health officers in all sectors to access and analyze One Health data. SIZE is supporting GOI to optimize resources for surveillance and testing systems and improving timely and more accurate data collection and analysis for more effective disease monitoring and response. In the long term, this activity will contribute to GOI being able to improve the quality of its detection and response to

## **Evidence of Impact**

Z 🇞 SIZE E

When IDDS began, SIZE was not operational. Today SIZE is hosted by a GOI ministry and has been tested nationally and locally through mobile apps and websites. The system is hosted here: https://size.go.id.



SIZE was selected by GOI as a case study and for publication to illustrate successful implementation partnerships. The project will be exhibited as a "best practice example" at the G20 One Health side event in June 2022.



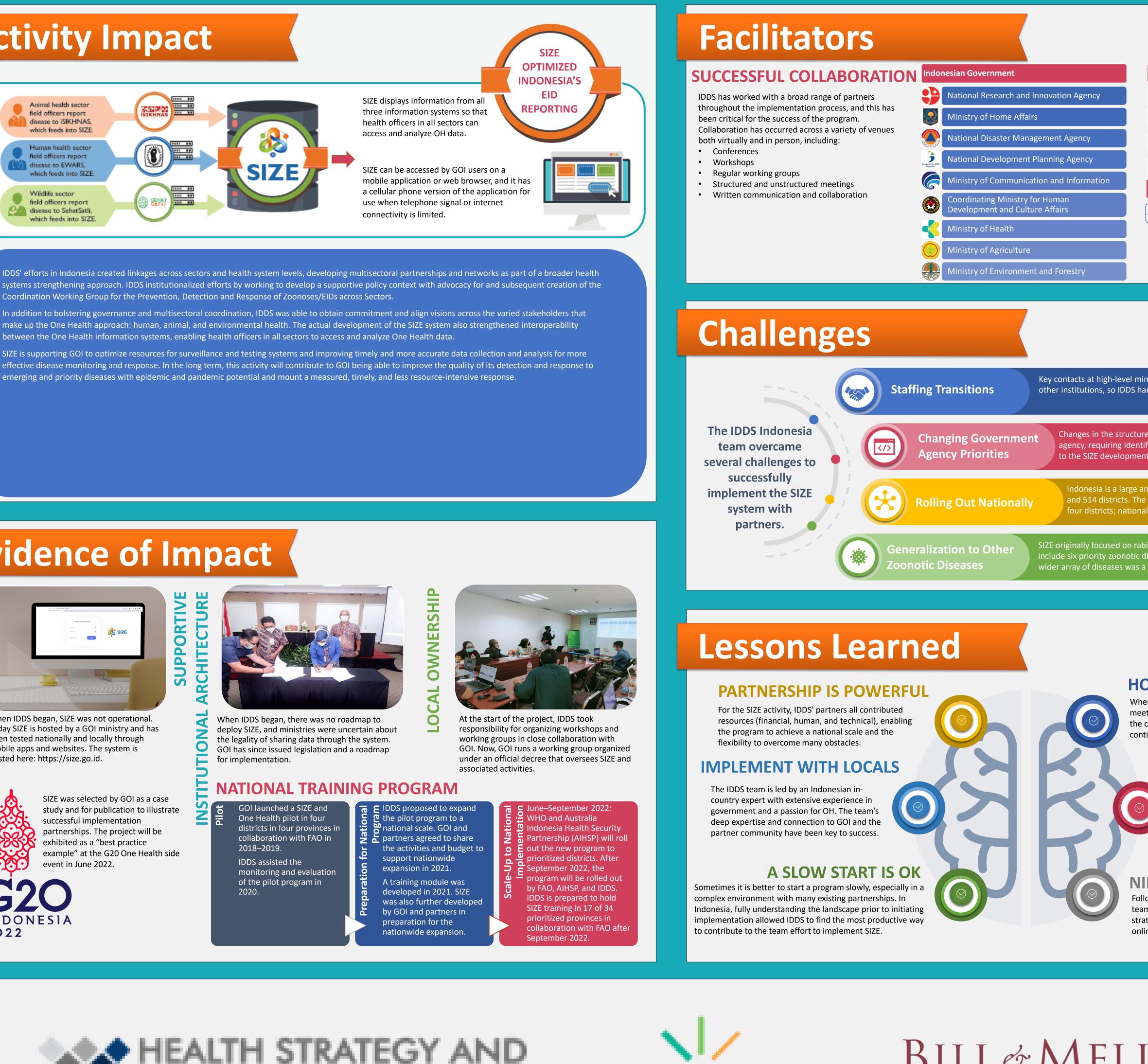


When IDDS began, there was no roadmap to deploy SIZE, and ministries were uncertain about the legality of sharing data through the system. GOI has since issued legislation and a roadmap for implementation.

### NATIONAL TRAINING PROGRAM

GOI launched a SIZE and One Health pilot in four districts in four provinces in boration with FAO ir 2018–2019. IDDS assisted the monitoring and evaluation of the pilot program in 2020.





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# HEALTH SYSTEMS STRENGTHENING ACCELERATOR

ian Government	International Partners	
ational Research and Innovation Agency	Food and Agriculture Organization	
1inistry of Home Affairs	World Health Organization	
ational Disaster Management Agency	International Federation of Red Cross and Red Crescent Societies	
ational Development Planning Agency	Australia Indonesia Health Security Partnership	
inistry of Communication and Information	Local Partners	
oordinating Ministry for Human evelopment and Culture Affairs	Indonesia One Health University Network	
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neetings with the incumbent and replacement to enlis he current advocate in persuading their replacement to continue to champion the project.

### **CHANGE IS CONSTANT**

Unpredictable changes can occur in ministry/agency/partner structures, funding, and priorities, which can significantly affect a program. It is essential to regularly monitor these factors and have a strategy to adapt and overcome resulting obstacles.

NIMBLE COMMUNICATIONS Following the COVID-19 outbreak in Indonesia, the IDDS team had to significantly adapt communications strategies to meet program goals, shifting to phone and online peer-to-peer conversations for sensitive topics.

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