



Advancing

Climate Adaptation

with Digital Technology

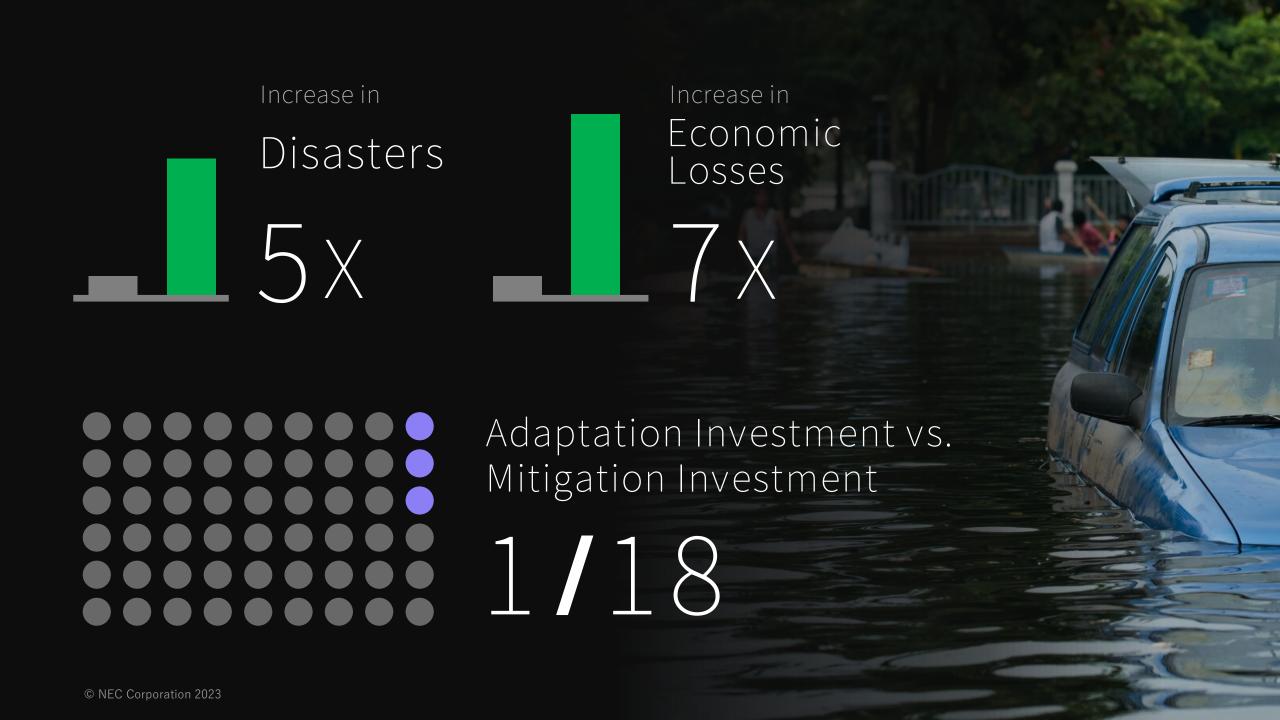
Climate Adaptation must be Addressed

GHG emissions from damage and reconstruction

more 1 0/0

Negative economic impact of natural disasters

Human Right issue such as loss of lives



Proposals to Accelerate Adaptation Measures

Evaluation standards for adaptation value



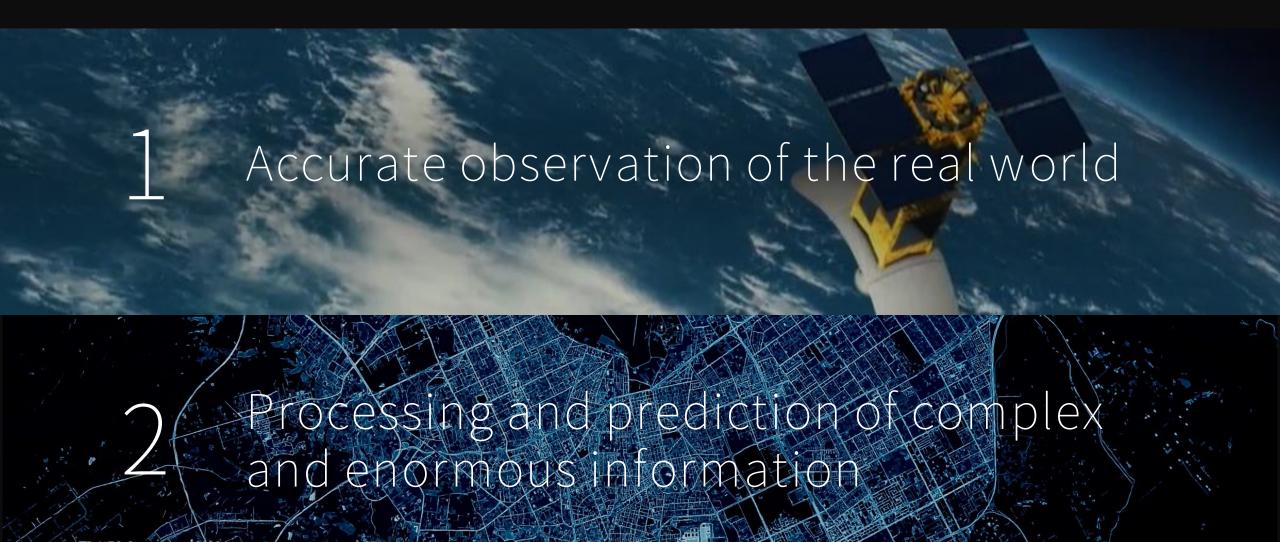
New financial approaches for adaptation

Overall Adaptation Value



GHG emissions reduced by adaptation measures Environmental value

Advancements in Digital Technology Enable Calculating Adaptation Values



CASE 1 Flood in Japan



Calculated Value

Disaster damage reduction value

\$ 4.0 billion

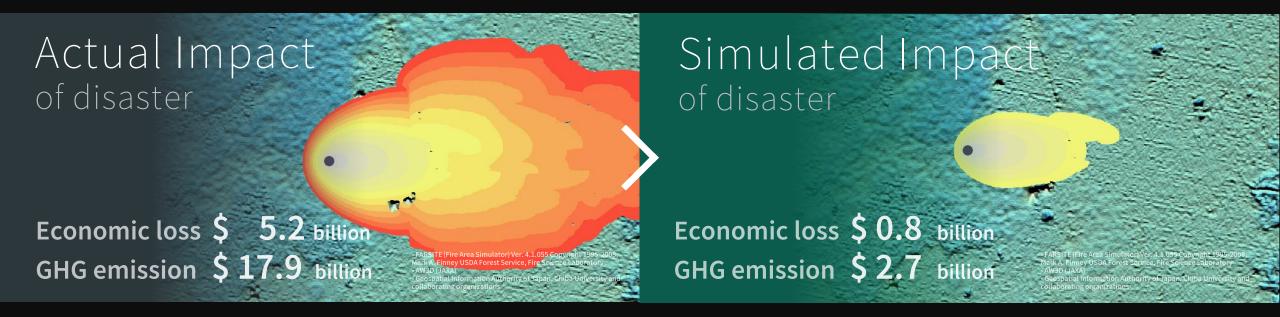
Environmental value \$ 0.12 billion



Adaptation value

\$4.1 billion

CASE 2 Peatlands Fires in Indonesia



Calculated Value

Disaster damage reduction value

\$ 4.4 billion

Environmental value \$ 15.2 billion



Adaptation value

\$19.6 billion

Evaluation Standards for Adaptation Value

Digital technology enables everyone to have a common understanding of the value of adaptation measures

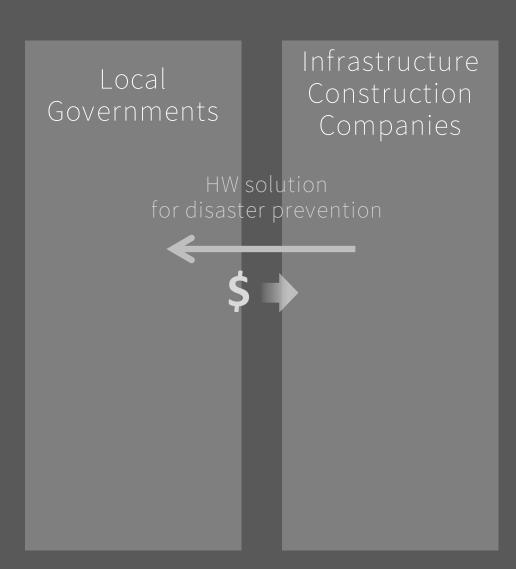
Proposals to Accelerate Adaptation Measures

Evaluation standards for adaptation value

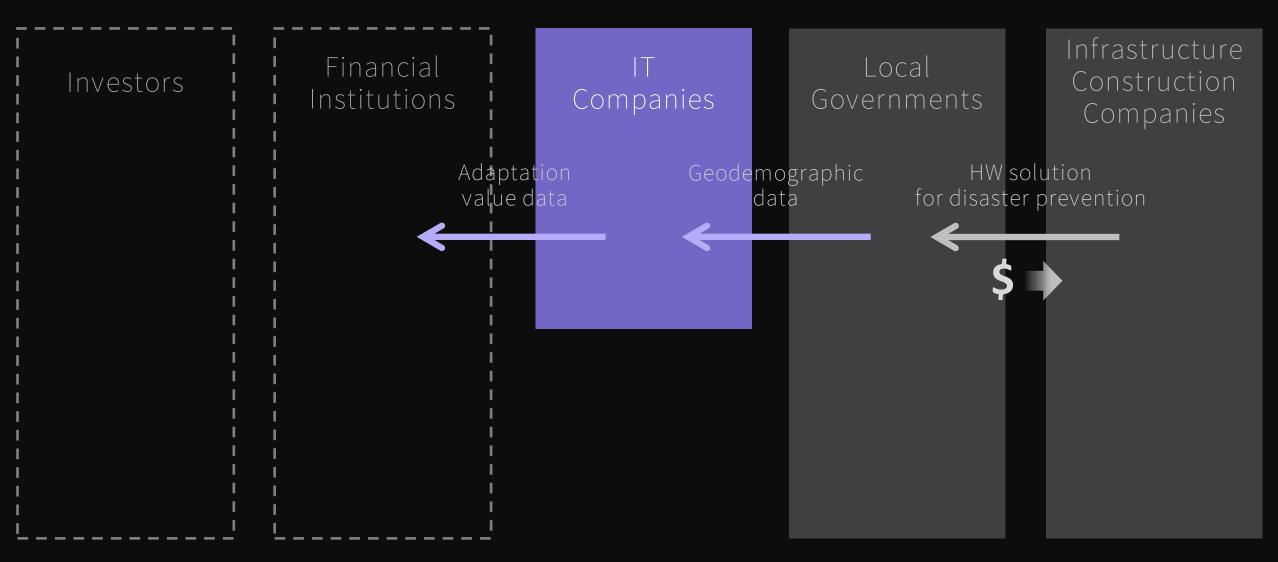


New financial approaches for adaptation

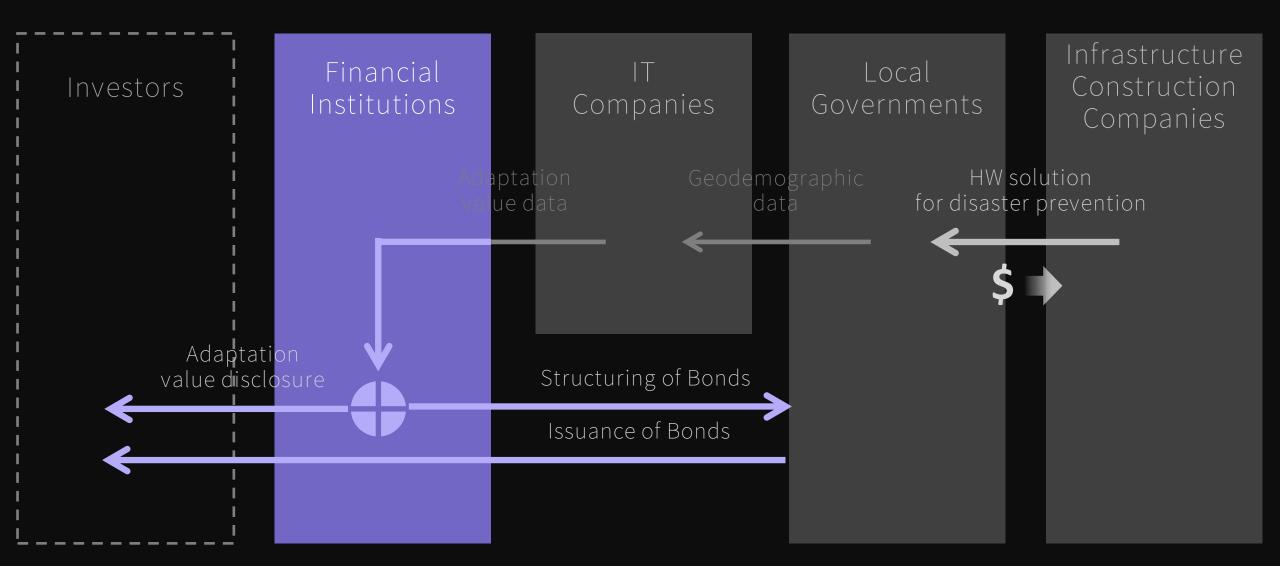
Current



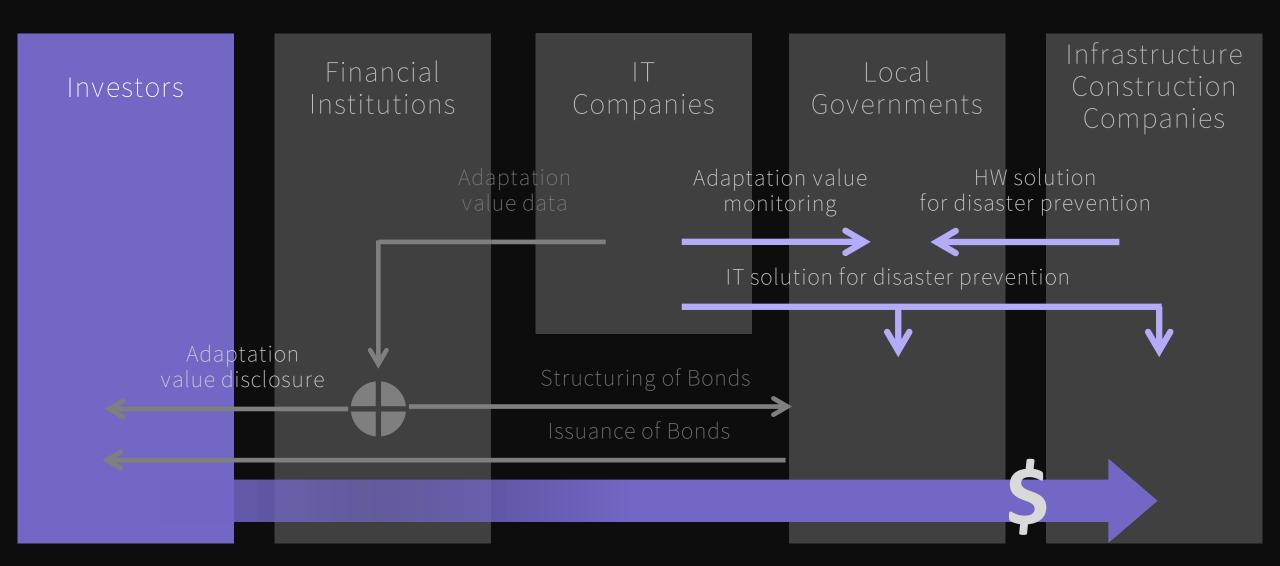
New Adaptation Finance Approaches



New Adaptation Finance Approaches



New Adaptation Finance Approaches



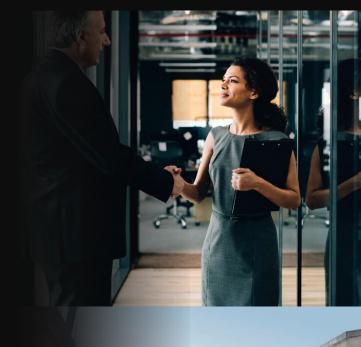
Financial Products for Adaptation



Loan
Climate Change



Landslides / Storms / Flood / Drought



Co-Creation to Develop New Approach for Adaptation Finance



NEC can deliver Disaster Prevention Technologies

