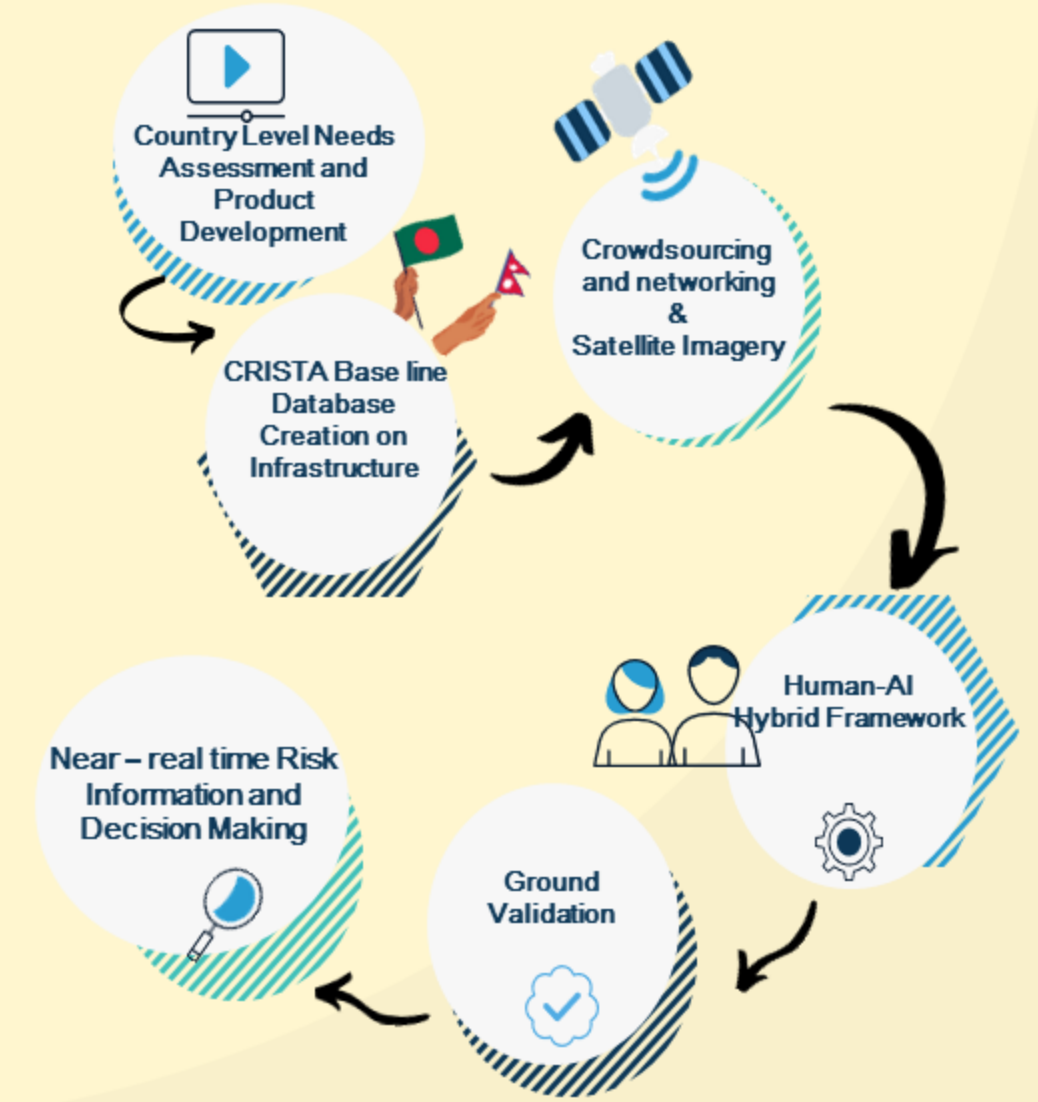


## Introduction

The proposed solution Climate Resilient Infrastructure for Social Transformation and Adaptation (CRISTA) provides a solution to one of the pressing gaps in the infrastructure resilience covering various aspects of the management of infrastructure risk through resilience building. The product delivers near-real time monitoring of road and power infrastructure health/status using advanced geospatial datasets with the help of crowdsourcing and artificial intelligence via an android application and associated CRISTA dashboard



## Development and implementation



# Climate Resilient Infrastructure for Social Transformation and Adaptation



Digital database generation for road and power infrastructure



A human-AI hybrid framework will be developed to tune up and improve the performance of the system.



Dynamic risk assessment of the critical infrastructure through learning-based disaster damage assessment (DDA)

## Impacts

