



COVID-19 digital health Centre of Excellence (DICE)

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Digital solutions and innovations can support COVID-19 vaccine delivery

Challenge

- LMIC health systems are under severe stress in their abilities to manage routine health services during the COVID-19 pandemic, while responding to the pandemic and rolling out COVID-19 vaccines

Opportunities

- Sustainable and scalable deployment of carefully chosen digital health interventions can support health priorities in the context of the COVID-19 pandemic, as well as post-pandemic health systems strengthening needs.
- Digital health investments can lead to more equitable coverage of quality health services, including vaccines, through increased use of data and evidence.



DICE Priority problem areas and solutions



Service delivery
planning

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Vaccination
status

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detection

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mobilisation

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ENSURING EFFECTIVE COVID-19 VACCINE ROLL-OUT AND EQUITABLE COVERAGE OF HEALTH SERVICES GUIDED BY DATA AND EVIDENCE

- DICE aims to ensure more evidence-based equitable coverage of quality health services, including vaccine delivery, maternal and child health services, and nutrition investments through increased use of data.
- DICE is committed to supporting countries plan the implementation and roll-out of COVID-19 vaccines via existing regional and country structures, a core team of technical experts and a roster of consultants.
- Although DICE is not a funding mechanism, we align with donor agencies and support governments to identify and apply for funding for deployments using costed investment cases.



What is the Digital Health COE (DICE)?

- The DICE is a multi-agency consortium with a UNICEF-WHO co-hosted secretariat. UNICEF will run day-to-day activities and will manage funding for operations.
- The DICE will provide coordinated, standardized support to Governments, initially responding to support requests for preparation and deployments of mature digital technologies to support health service delivery in the context of the COVID-19 pandemic
- DICE will align with donor agencies and support Governments to identify and apply for funding for deployments using costed investment cases

Principles for Digital Health Support for COVID-19

UNICEF, WHO and partners are working with partners to support deployment of robust, mature and easily scalable digital solutions using globally endorsed principles:

1. **Demand driven:** Prioritizing country support that aligns with needs outlined in the National Deployment and Vaccination Plans (NDVPs)
2. **Agile:** Establishing contracting mechanisms with approved vendors and technical experts to allow for a rapid response to country COVAX priorities
3. **Sustainable:** Supporting Governments to use existing systems and resources to deploy cost-effective digital solutions with COVID-19 specific functionalities, which later can be expanded and integrated into the health management information system.
4. **Secure:** Safeguarding the global principles of digital development by only endorsing digital platforms that apply acceptable security standards for patient privacy and cyber security.
5. **Capacity building:** Providing guidance and technical assistance to Governments on digital health investments, including vendor selection, platform set-up, training and maintenance

Who supports DICE?

Participating organisations –
Funding DICE core functions

Endorsing organizations – Indirect
DICE funding and direct country
funding through various
mechanisms; staff secondments

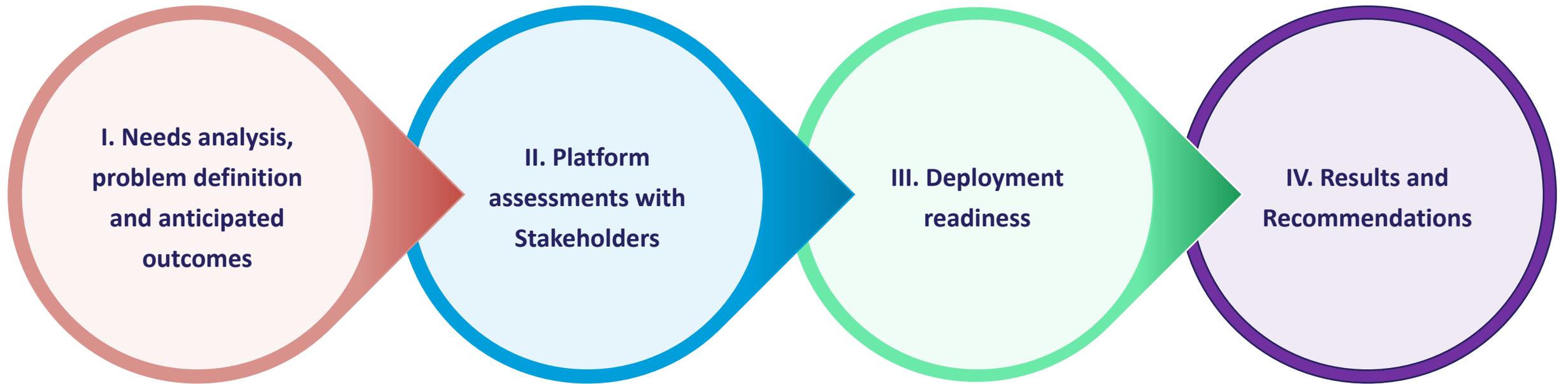
Private sector partners – Funding
DICE core functions, funding for
direct country support, in-kind
support



What areas can DICE support?

- Coordinate between donors and development partners at Regional and Global level
- Review Concept Note, TORs, Business Requirements and Proposals
- Provide Guidance & support Implementation of assessment tools
- Advise on existing Digital Global Goods, including existing evidence and plans to scale/institutionalize
- Provide recommendations /support in contracting technical experts and partners
- Support capacity building, training and knowledge exchange





- In-country stakeholder mapping
- Contextual analysis/readiness assessment
- Mapping existing systems and solutions
- Drafting of platform requirements and development of a costed roadmap

- Assessment of existing platform functionalities
- Gap analysis
- Identify Platform(s)
- Draft Request for Proposals
- Total Cost of Ownership assessment
- Draft Terms of Reference

- Vendor readiness
- Contracting mechanisms
- Review of existing content and workflows

- Consolidating results and findings
- Formulating recommendations

3 weeks to 3 months

How will the DICE function?

- Core team of experts, roster of consultants, and standby partners
- Generation and use of strategic Long Term Agreement for Services (LTAs), Partnership agreements
- Donor coordination and alignment of investments
- Standardised TA to Government and UN Agencies on readiness assessments, business requirements, platform analysis, costing, deployments and partnerships

How can support be requested?

- Contact the DICE secretariat to request technical assistance: contact@digitalhealthcoe.org
- Support requests should be from or endorsed by Government and have been going through existing technical/donor coordinating mechanisms
- TA should be aligned with National Deployment and Vaccination Plans (NDVPs) and leverage existing Global Fund (C19RM), GAVI and other assistance mechanism
- Support will be provided through existing regional and country structures, including Government, UN, and DICE consortium partners



Thank you for
listening!



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