eVIN Initiative

What is the issue?

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Members of a five country international delegation (Philippines, Indonesia, Bangladesh, Nepal and Thailand) are on a visit to India to learn more about the global best practice of eVIN (electronic vaccine intelligence network) project of the Health Ministry.

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What is eVIN?

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- eVIN **(Electronic Vaccine Intelligence Network)** is an indigenously developed technology system in India that digitizes vaccine stocks and monitors the temperature of the cold chain through a smartphone application.
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- The innovative eVIN is presently being implemented called across twelve states in India.
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- eVIN aims to support the Government of India's Universal Immunization Programme by providing real-time information on vaccine stocks and flows, and storage temperatures across all cold chain points in these states.
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- The technological innovation is implemented by the United Nations Development Programme (UNDP).
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What is the aim?

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- eVIN aims to strengthen the evidence base for improved policy-making in vaccine delivery, procurement and planning for new antigens in India.
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- eVIN provides an integrated solution to address widespread inequities in vaccine coverage by supporting state governments in overcoming constraints of infrastructure, monitoring and management information systems and human resources, often resulting in overstocking and stock-outs of vaccines in storage centres.
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The integrated solution combines?

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- **Technology:** to facilitate evidence-based decision-making by making available online real-time information on vaccine stocks and storage temperature through the eVIN application software and temperature loggers;
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- **Governance**: to ensure efficient vaccine logistics management by systemizing record keeping through standardizing stock and distribution registers; identifying gaps and improving clarity on vaccine cold chain network; drawing attention to infrastructure upgrades; developing standard operating procedures; and encouraging good practices;
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- **Human Resources**: to empower the state cold chain network by building the capacities of government cold chain handlers; and deploying vaccine and cold chain managers in every district for constant support to estimate vaccine requirements, supervise cold chain handlers and coordinate with cold chain technicians across the district.
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What is the way ahead?

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- By streamlining the vaccine flow network, eVIN is a powerful contribution to strengthening health systems and ensures equity through easy and timely availability of vaccines to all children.
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Source: PIB

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