

# FEEDER-NET+ (Federated E-health Big Data for Evidence Renovation Network) in Korea

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### Introduction

- The Federated E-Health Big Data for Evidence Renovation Network (FEEDER-NET) project was initiated on 2018 (for 3 years) with \$10 million budget from the Ministry of Trade, Industry & Energy (MOTIE) of South Korea.
- On 2019, new projects, named FEEDER-NET+, for incorporating more hospitals and advancing/sophisticating the FEEDER-NET platform will start April 2019 for 4 years

#### FEEDER-NET+ Goals

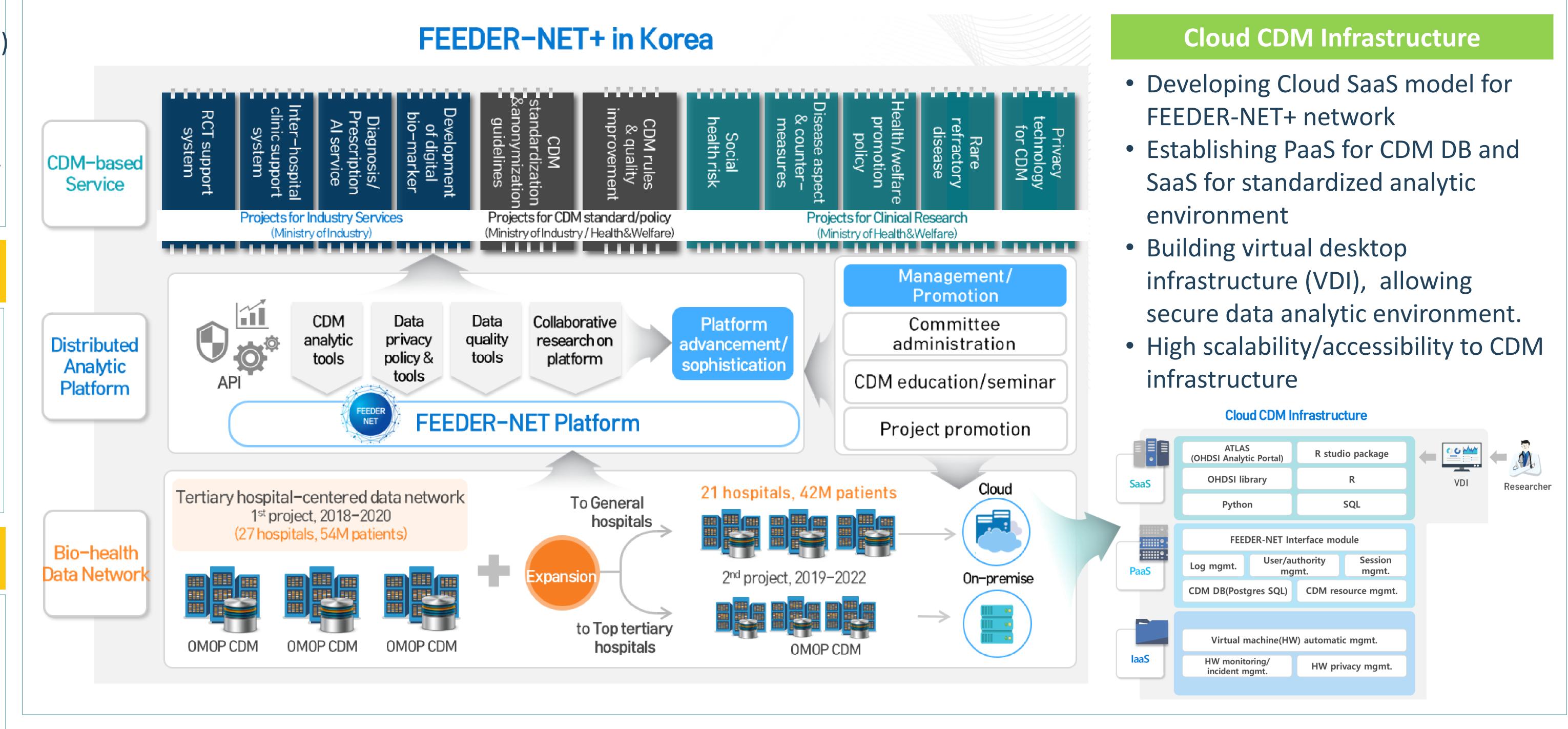
- To build a CDM-based bio-health big data network
- To build a bio-health evidence sharing platform
- To foster collaborative research and encourage industry to develop business services
- Ultimately to create a sustainable bio-health big data ecosystem for research and industry

## FEEDER-NET+ Projects & Budgets

 Korean government launches new CDM projects (2019-2022, \$43 million)

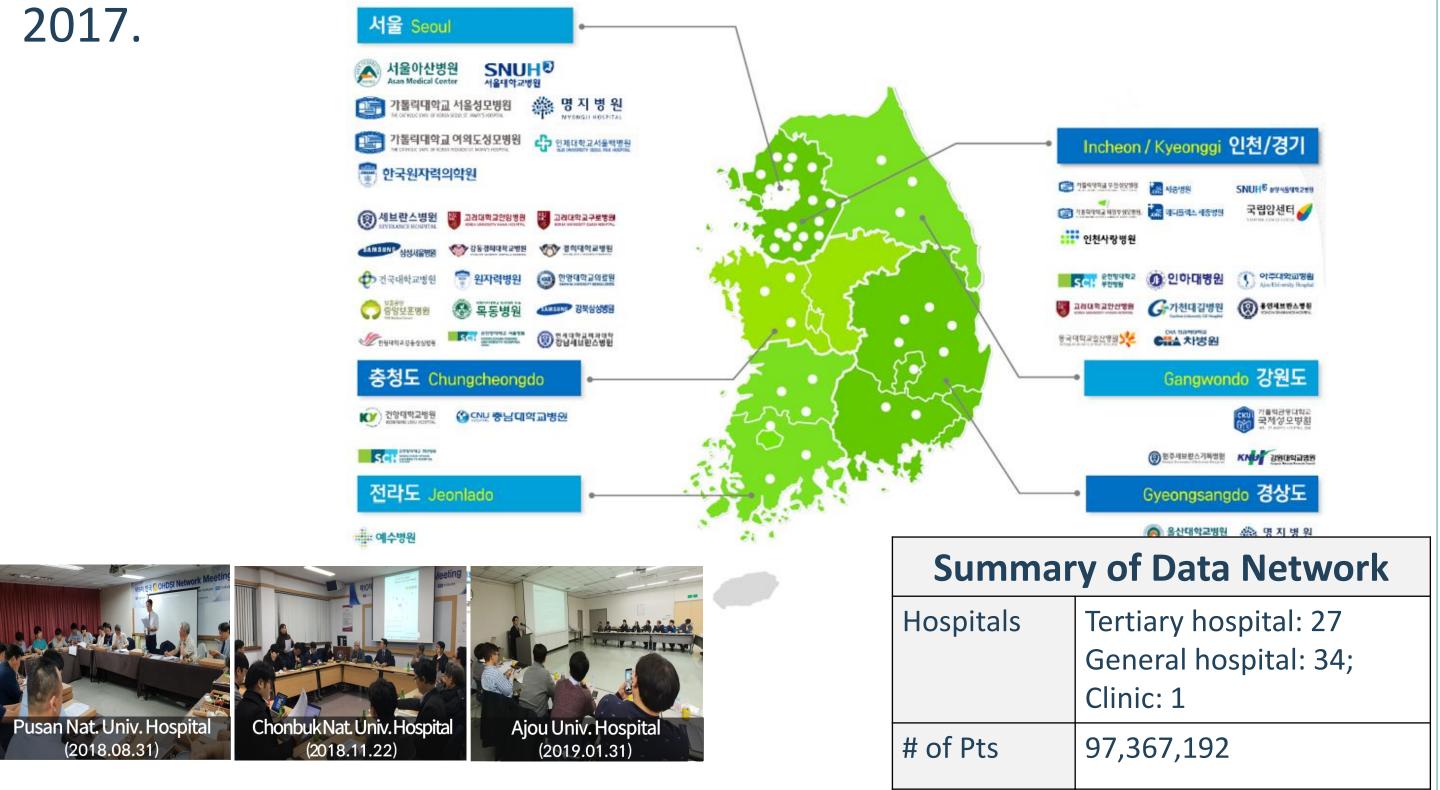
Project	Objective	Period	Budget	Government department
FEEDER-NET (started 2018)	<ul> <li>CDM conversion for 41         hospitals</li> <li>Developing FEEDER-NET         coordinating platform</li> <li>Developing PoC service</li> </ul>	'18-'20	\$10 million	Ministry of Industry
FEEDER-NET expansion & advancement	<ul> <li>Expansion of CDM data network</li> <li>Advancement/sophistication of FEEDER-NET platform</li> </ul>	'19-'22	\$10 million	Ministry of Industry
Enterprise service	<ul><li>6 projects (2 start from 2020)</li><li>Developing industry service</li></ul>	'19-'22	\$7 million	Ministry of Industry
Clinical research	<ul> <li>20 projects (10 start from 2020)</li> </ul>	'19-'21	\$7 million	Ministry of Health
	<ul> <li>Collaborative clinical research</li> </ul>	'20-'22	\$7 million	
Standardization	<ul> <li>Developing CDM extension model</li> <li>Mapping medical code</li> <li>Building a de-identification guide</li> </ul>	'19-'22	\$1.5 million	Ministry of Industry
Privacy	<ul><li>10 projects</li><li>Developing a privacy guide for CDM</li></ul>	'19-'21	\$0.5 million	Ministry of Health

#### FEEDER-NET+ Overview



#### FEEDER-NET+ Data Network

- 61 hospitals and data partners joined into the FEEDER-NET+ all over the country. (including about 70% of tertiary hospitals)
- 12 hospitals' EMRs were converted to CDM
- We have bi-monthly data partner's summit meeting since March



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- Conflict of interest : We have no conflict of interest.
- Contact: veritas@ajou.ac.kr / Homepage: www.feedernet.org

## FEEDER-NET Platform in Development

• The FEEDER-NET+ is based on the FEEDER-NET platform's core engines, which consist of node (for in-hospital) and portal (for coordinating center).

