

## 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**

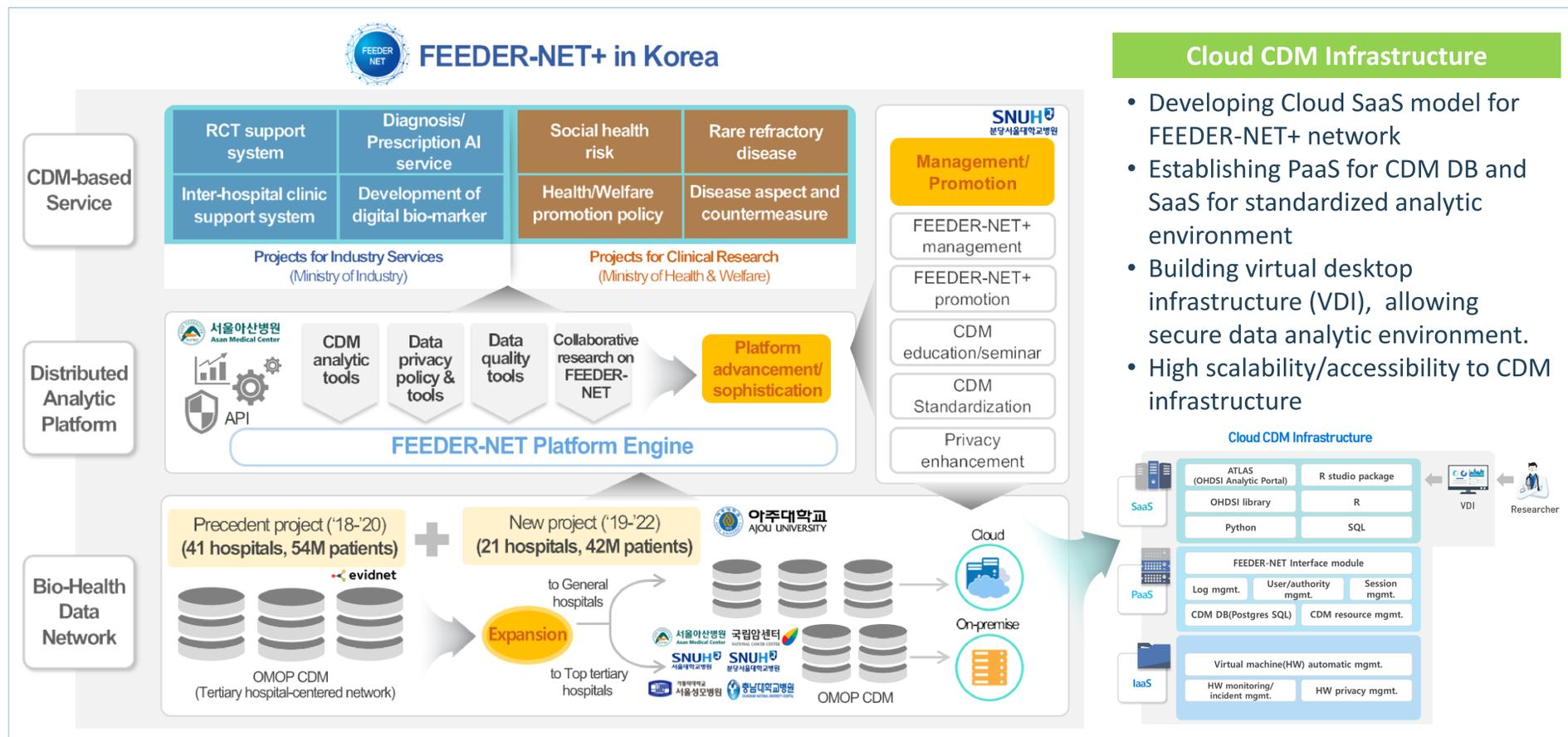
## FEEDER-NET+ Projects & Budgets

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

Project	Objective	Period	Budget	Government department
FEEDER-NET (started 2018)	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <li>6 projects (2 start from Aug 2019)</li> <li>Developing industry service</li> </ul>	'19-'22	\$7 million	Ministry of Industry
Clinical research	<ul style="list-style-type: none"> <li>20 projects</li> <li>Collaborative clinical research</li> </ul>	'19-'21	\$7 million	Ministry of Health
		'20-'22	\$7 million	
Standardization	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Developing a privacy guide for CDM</li> </ul>	'19-'21	\$0.5 million	Ministry of Health

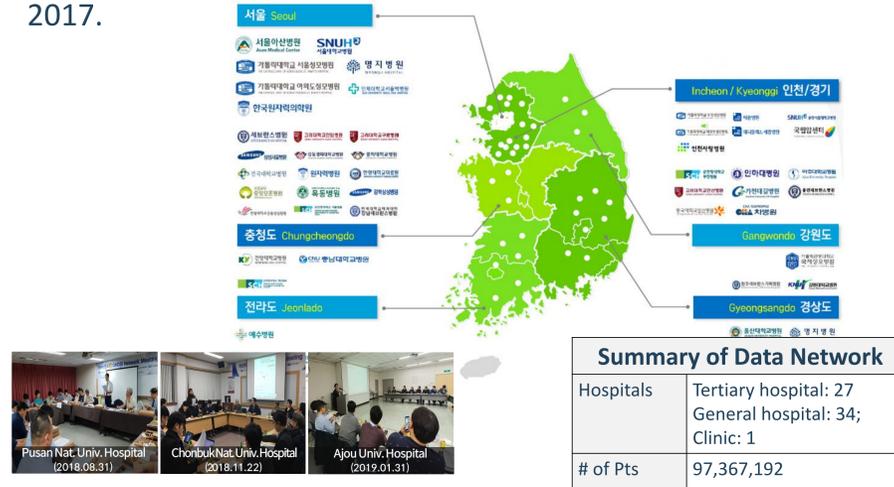
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## FEEDER-NET+ Overview



## FEEDER-NET+ Data Network

- 62 hospitals and data partners joined into the FEEDER-NET+ all over the country. (including 70% of tertiary hospitals)
- 10 hospitals' EMRs were converted to CDM in 2018.
- We have bi-monthly data partner's summit meeting since March 2017.



## 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).

