**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)

<table>
<thead>
<tr>
<th>Project</th>
<th>Objective</th>
<th>Period</th>
<th>Budget</th>
<th>Government department</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEEDER-NET (started 2018)</td>
<td>CDM conversion for 41 hospitals; Developing FEEDER-NET coordinating platform; Developing PoC service</td>
<td>18’-20’</td>
<td>$10 million</td>
<td>Ministry of Industry</td>
</tr>
<tr>
<td>FEEDER-NET expansion &amp; advancement</td>
<td>Expansion of CDM data network; Advancement/sophistication of FEEDER-NET platform</td>
<td>19’-22’</td>
<td>$10 million</td>
<td>Ministry of Industry</td>
</tr>
<tr>
<td>Enterprise service</td>
<td>6 projects (2 start from 2020); Developing industry service</td>
<td>19’-22’</td>
<td>$7 million</td>
<td>Ministry of Industry</td>
</tr>
<tr>
<td>Clinical research</td>
<td>20 projects (10 start from 2020); Collaborative clinical research</td>
<td>19’-21’</td>
<td>$7 million</td>
<td>Ministry of Health</td>
</tr>
<tr>
<td>Standardization</td>
<td>Developing CDM extension model; Mapping medical code; Building a de-identification guide</td>
<td>19’-22’</td>
<td>$1.5 million</td>
<td>Ministry of Industry</td>
</tr>
<tr>
<td>Privacy</td>
<td>10 projects; Developing a privacy guide for CDM</td>
<td>19’-21’</td>
<td>$0.5 million</td>
<td>Ministry of Health</td>
</tr>
</tbody>
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### 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 2017.

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