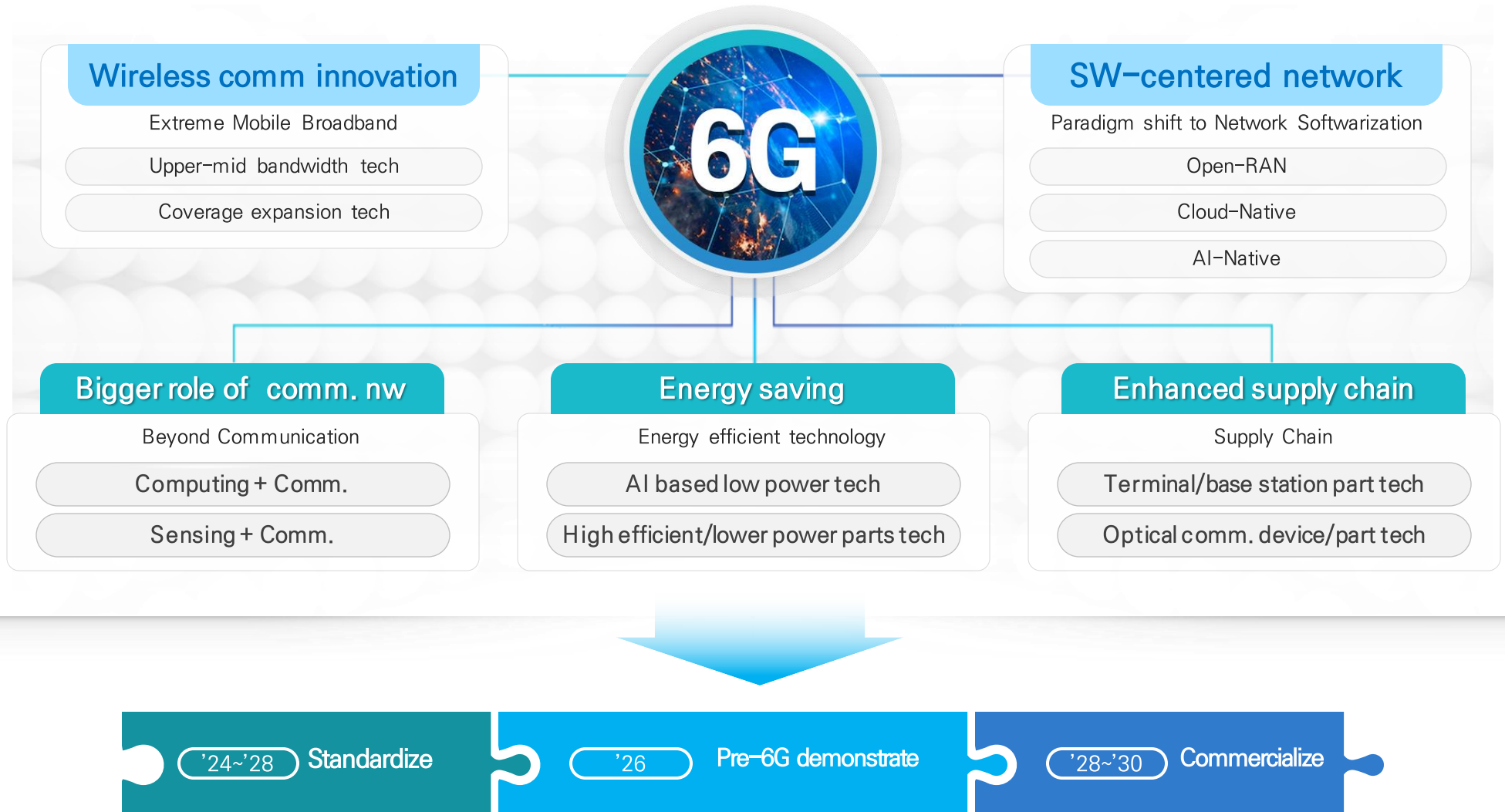


6G technology development direction



IITP (Institute of Information & Comm. Technology Planning & Evaluation)

TECHNOLOGY and INDUSTRY PROMOTION through ICT R&D

Policy-
Tech.
Planning



What areas of technology development, HRD, and infrastructure development are needed?

Who can do better in technology development, HRD, and infrastructure development?



Evaluation
& Mgmt.

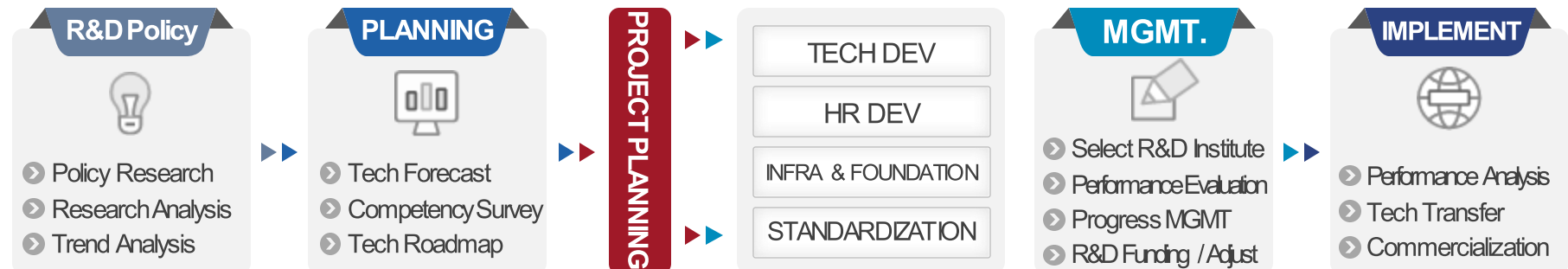
Perform.
Analysis



What are the outcomes?

FUNCTIONS

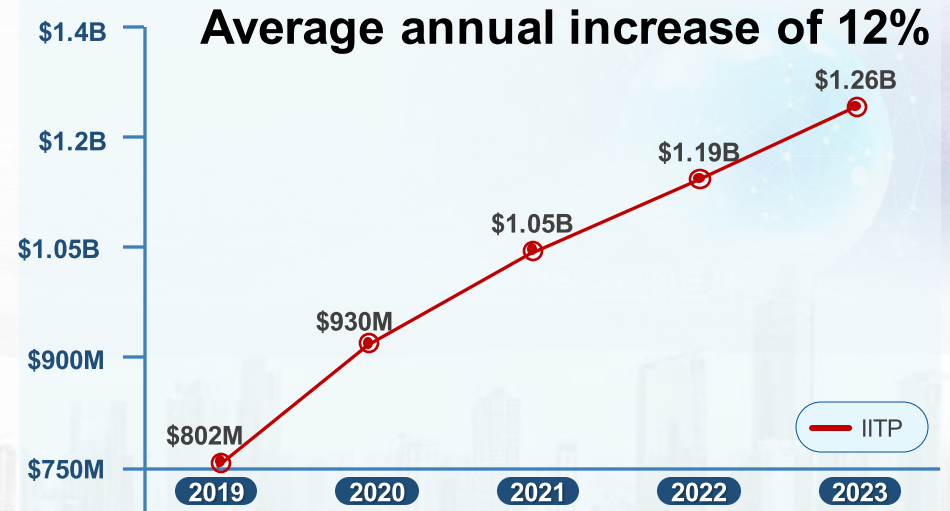
FULL CYCLE of ICT R&D: Policy / Tech. Planning, Management, Evaluation, and Implementation



ICT R&D Direction (1/2)

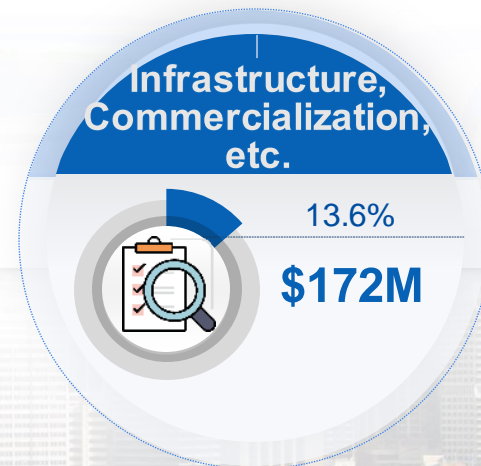
✓
Significant increase of the ICT budget
in such areas as
the Six Core Digital Technologies

Average annual increase of 12%
from 2019 to 2023,
for a total of USD 5.3 billion



Total of USD1.26 billion

Up USD 51.2 million (5.6%↑) from USD 1.196 billion in 2022



ICT R&D Direction (2/2)

Top10 areas: Communication-Network, Radio-Wave/Satellite, Cyber Security, AI/Data, AI Semicon., Quantum tech., ETC

