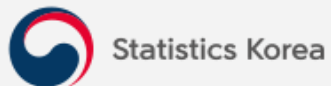


# KOSTAT's Process Model and Production System for Official Statistics

MWW 2019

ModernStats World Workshop

28 June, 2019







# Contents



**Background**



**KSBPM**



**NARASat**



**Achievements & Challenges**



**Future Plan**



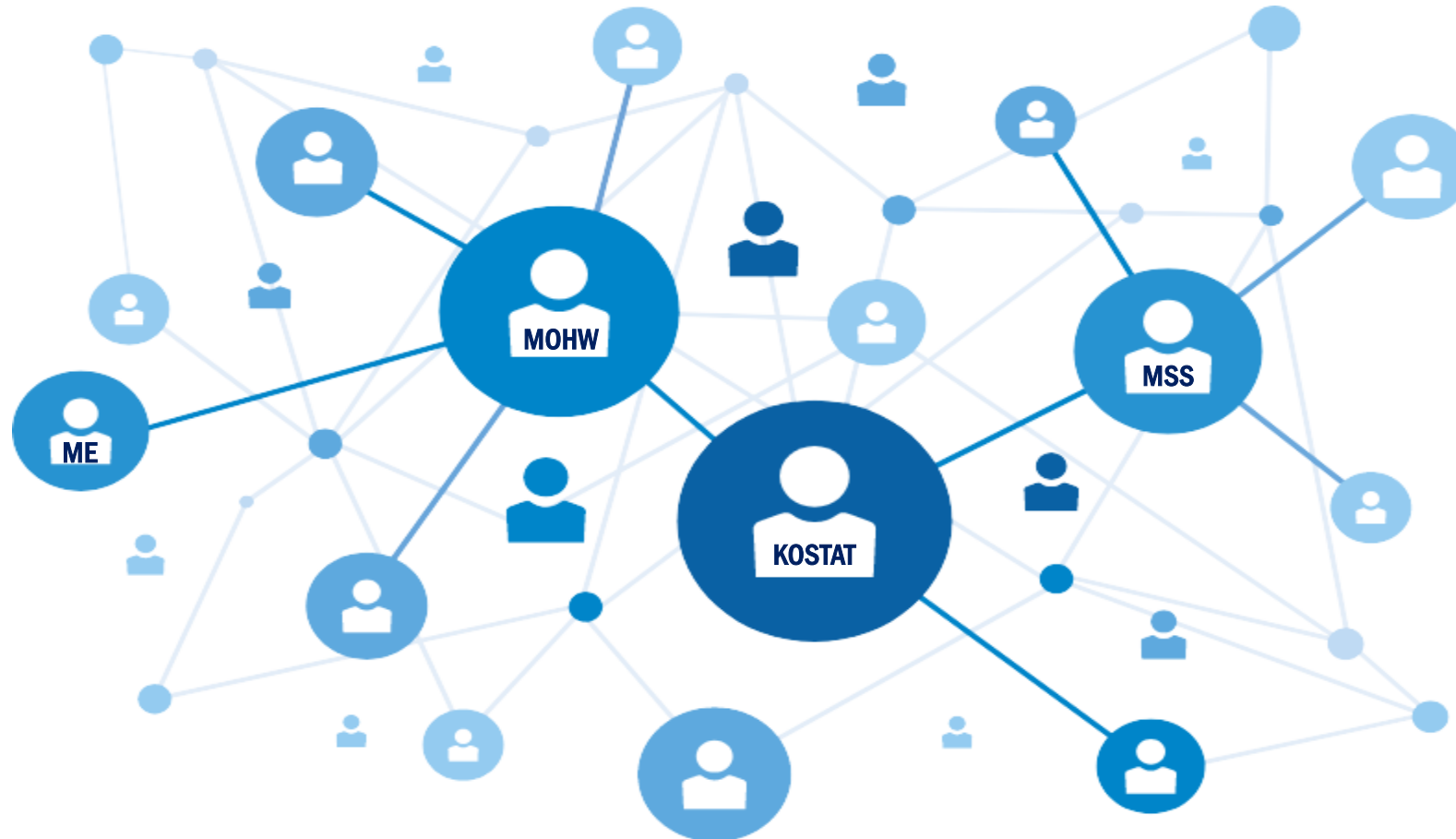


# I Background



## ■ Decentralized Production System

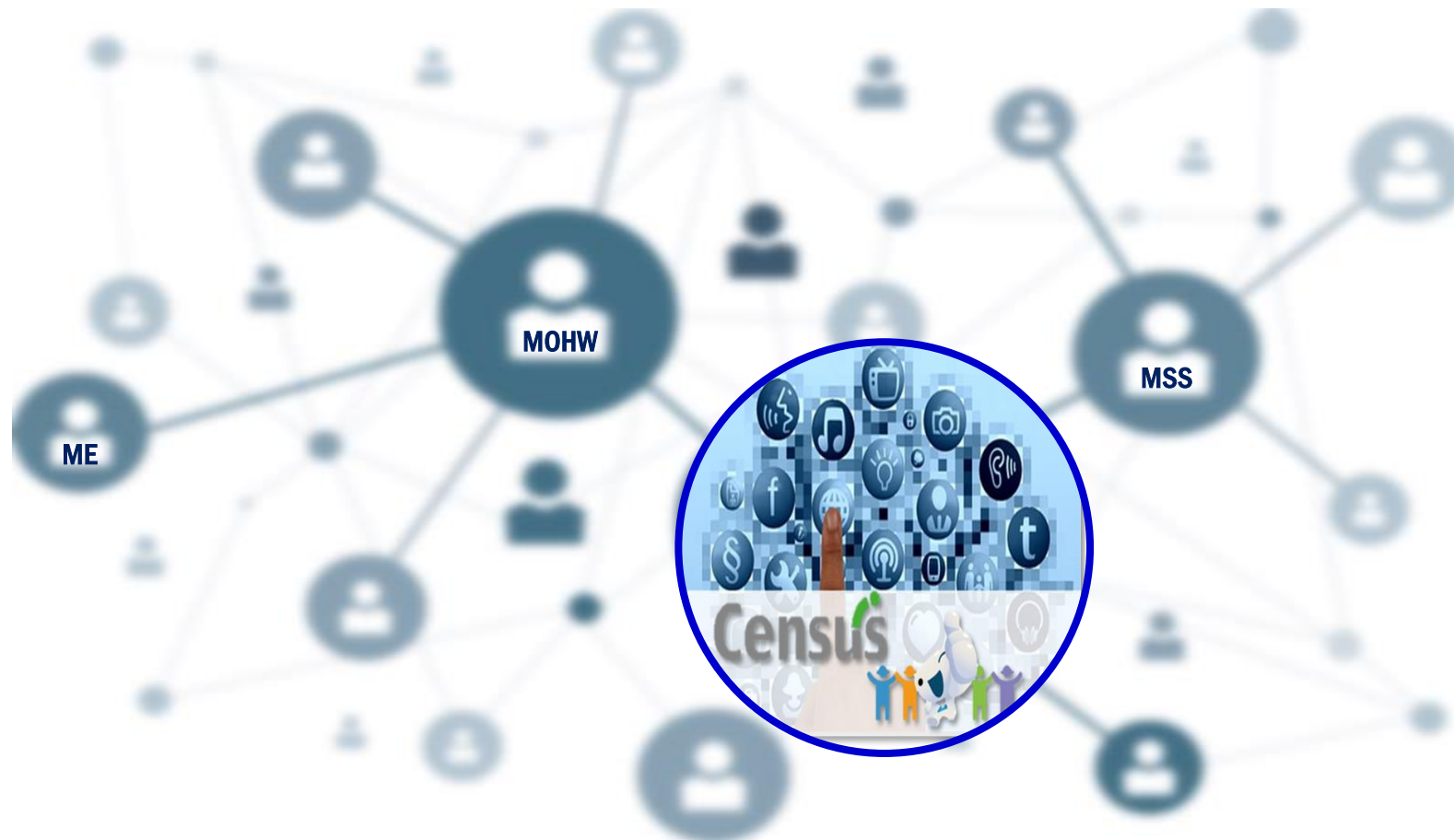
• 422 agencies  
(1,142 Official Statistics)





## ■ Decentralized Production System

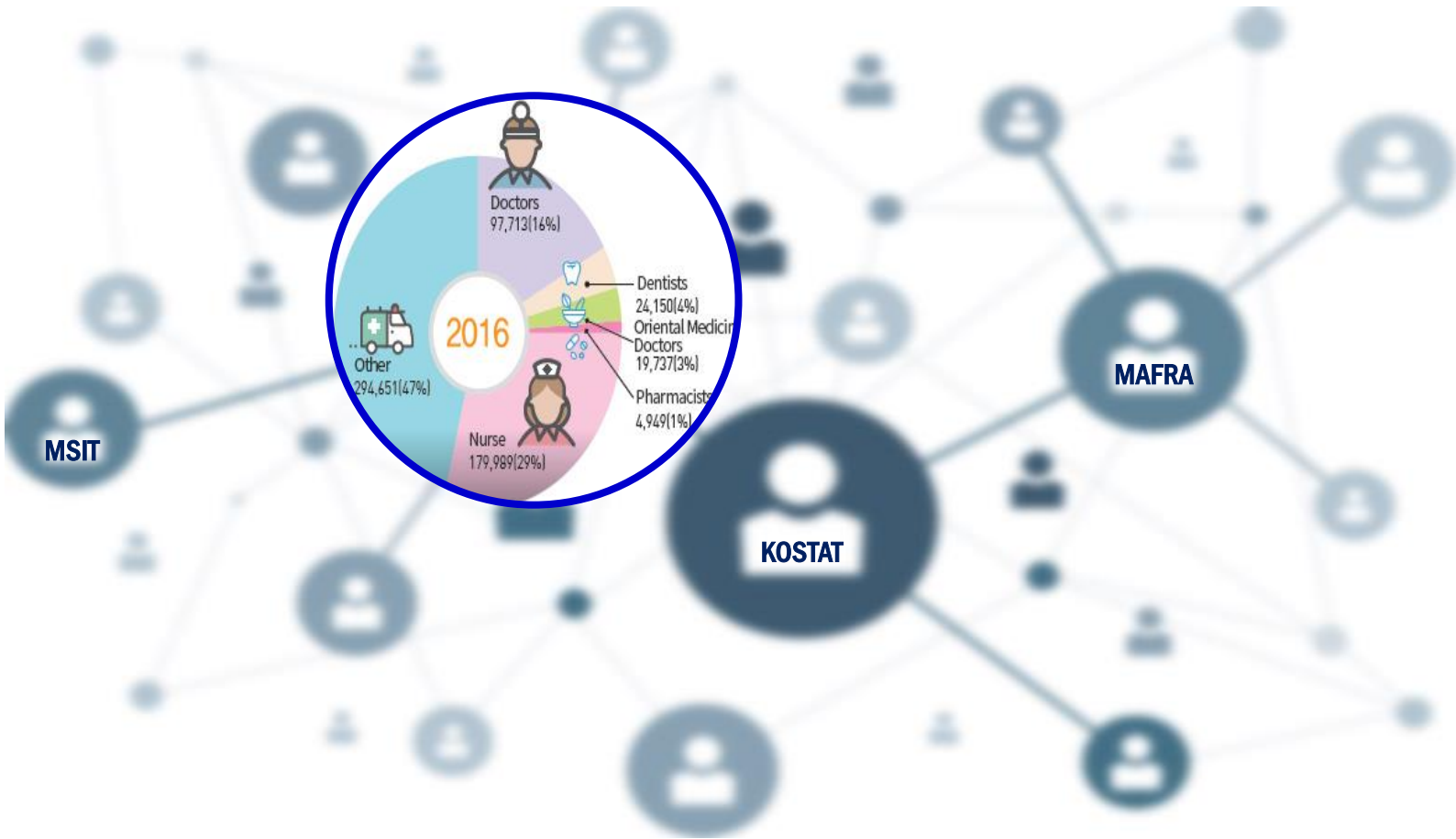
• **KOSTAT**  
(Statistics Korea)





Decentralized Production System

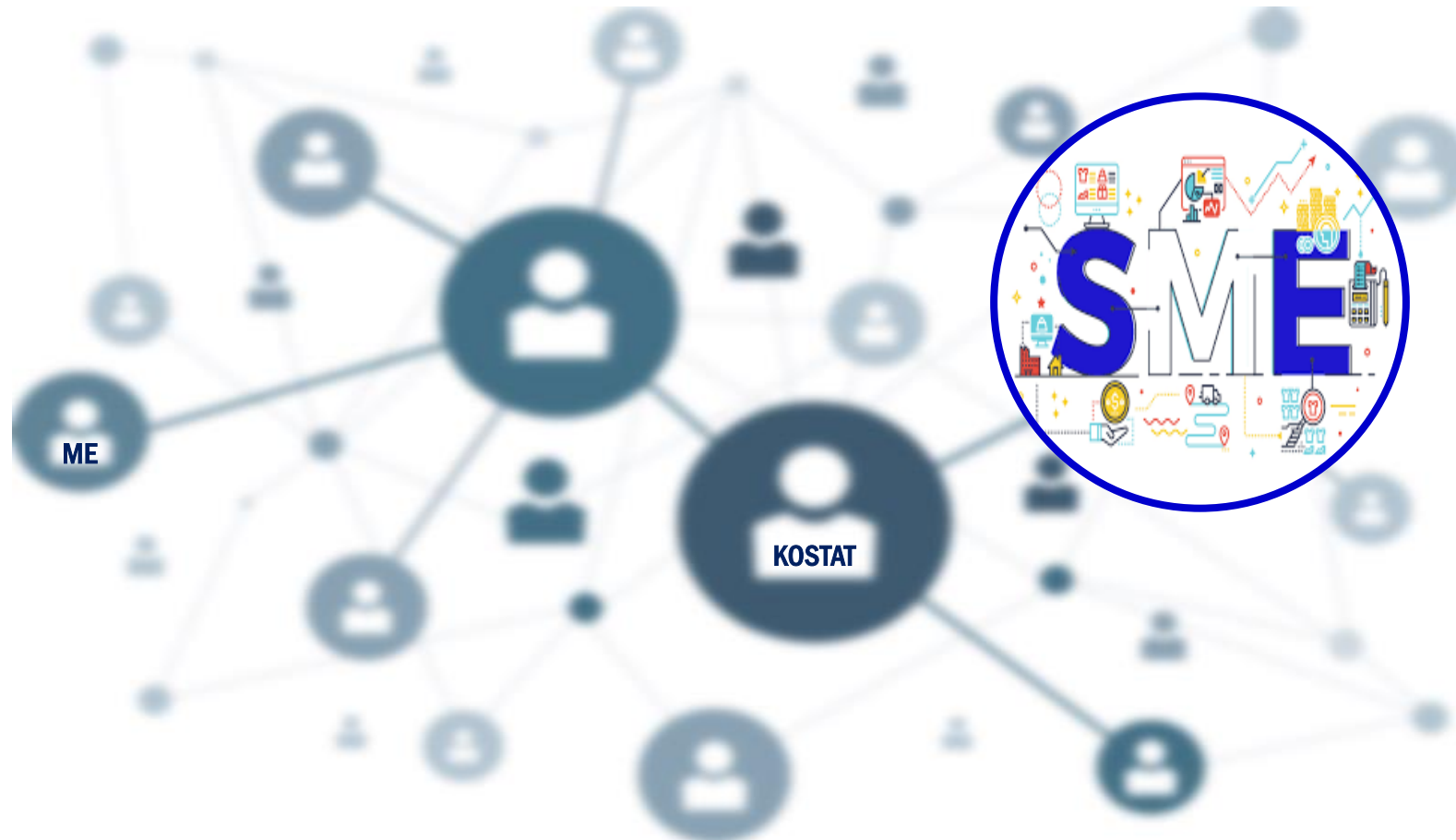
MOHW  
(Ministry of Health and Welfare)





## ■ Decentralized Production System

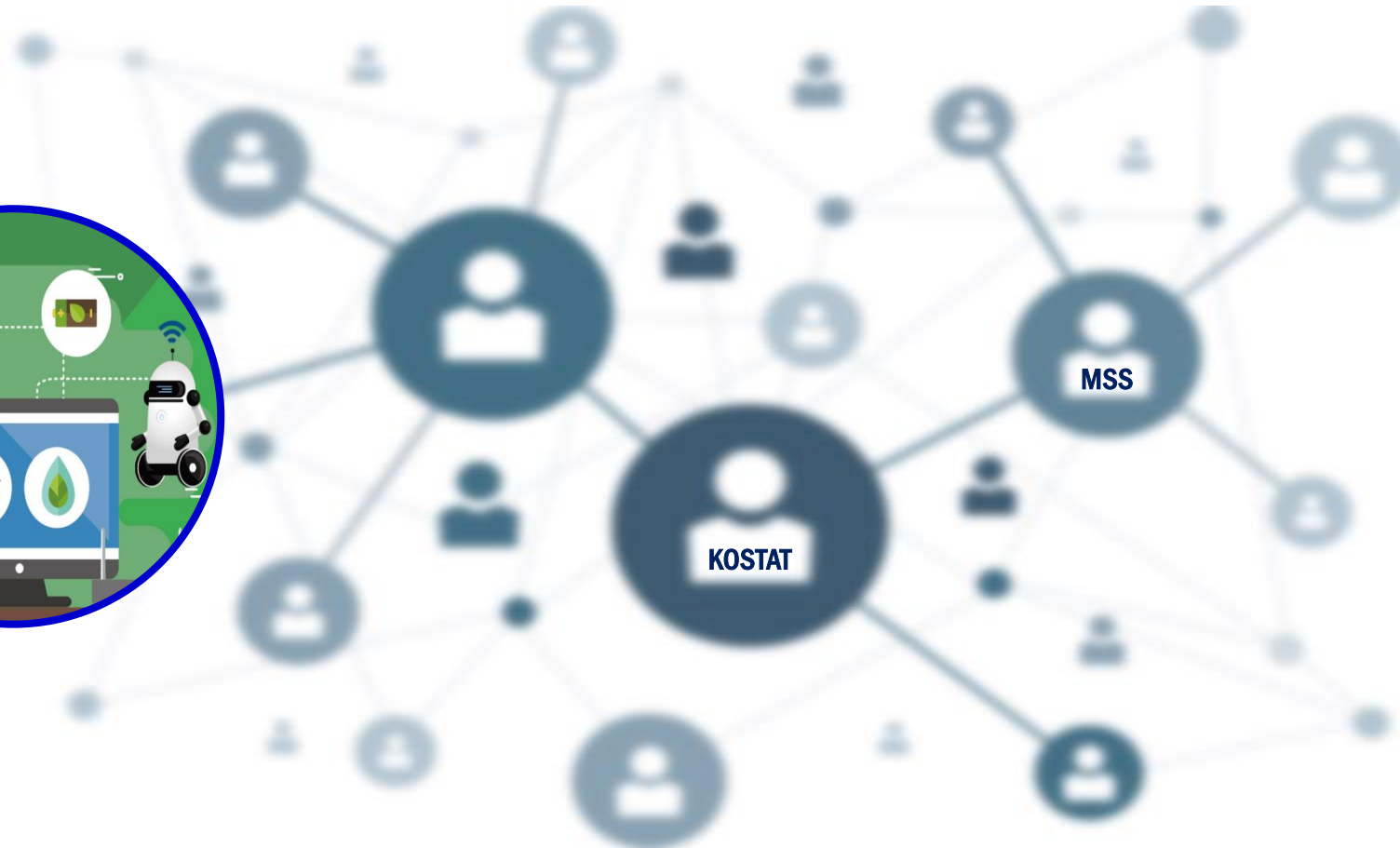
• **MSS**  
(Ministry of SMEs and Startups)





## ■ Decentralized Production System

• **ME**  
(Ministry of Environment)





## ■ Integrated Environment Needs for Statistical Production

### Capability for Official Statistics

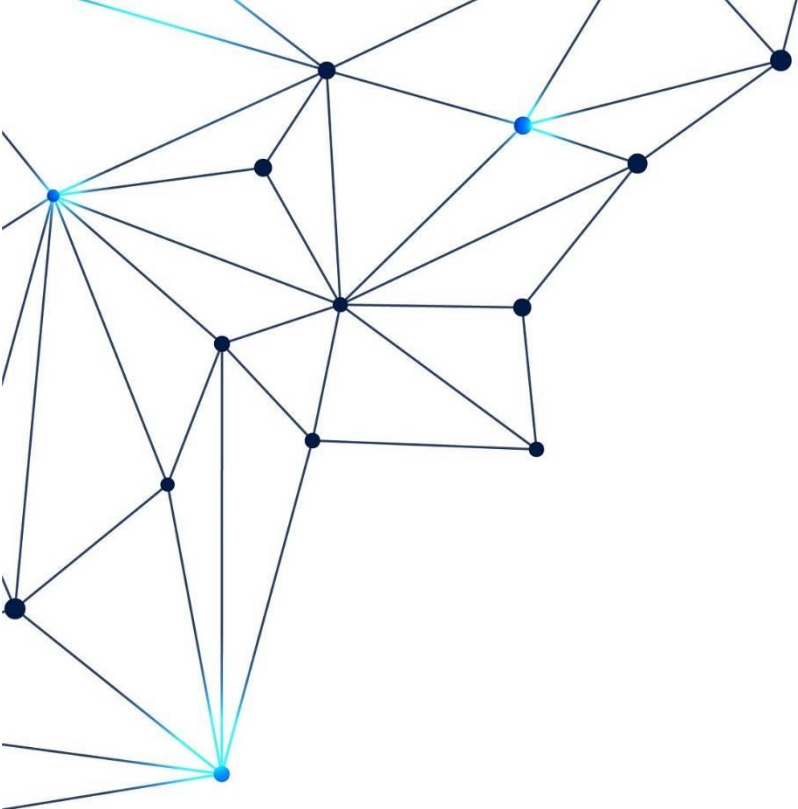


### Saving of Government Budget

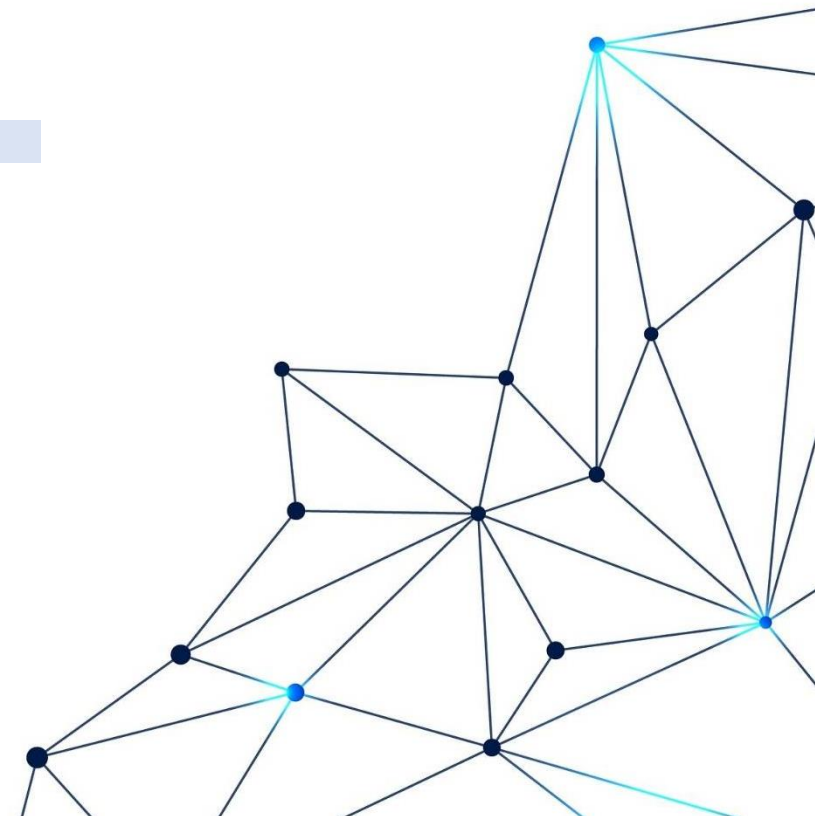


- **Standardize the Production Process** of official statistics !
- **Build a Generic System** producing the **Various** statistics !



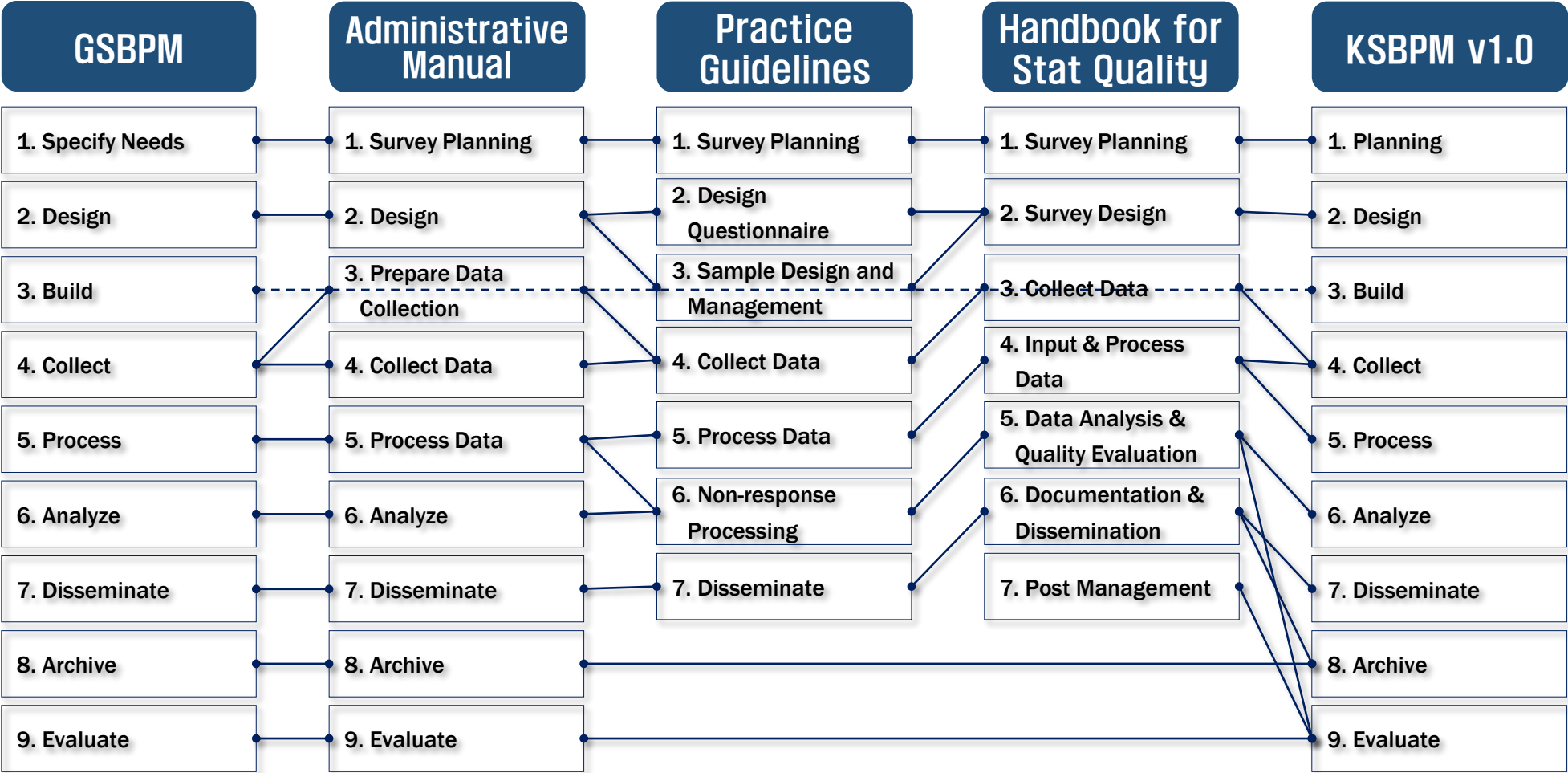


## || KSBPM



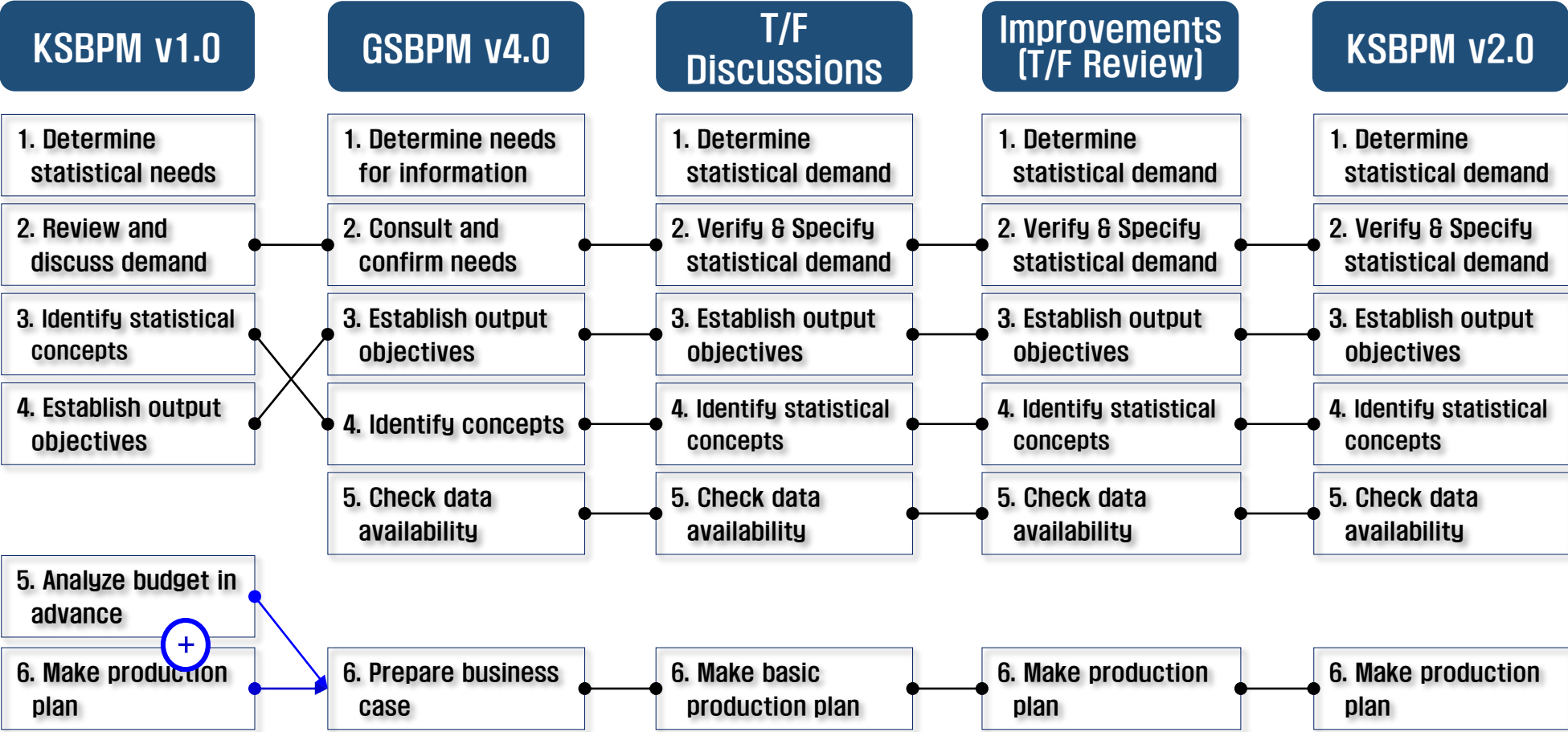


■ Progress of KSBPM (v1.0)





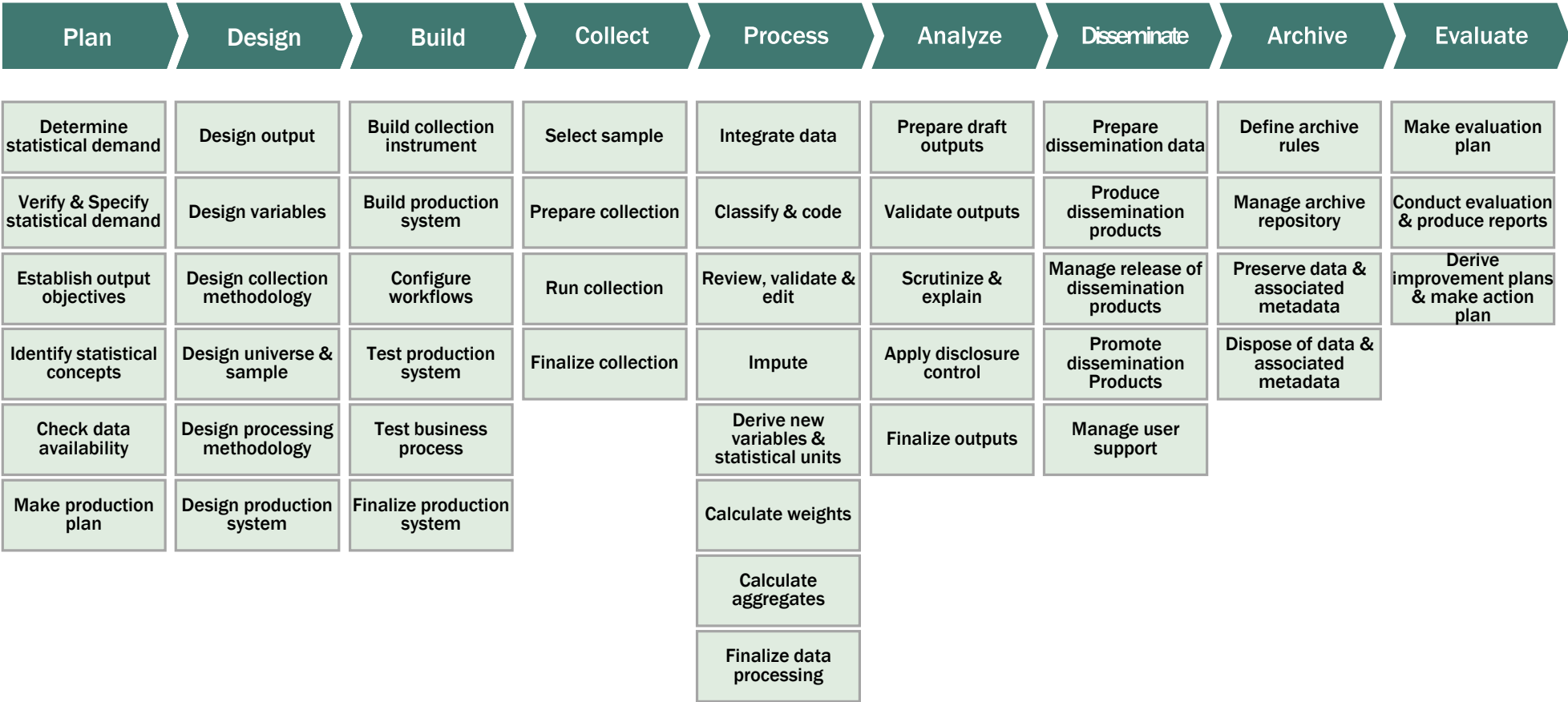
■ Progress of KSBPM (v2.0)





Overview of KSBPM

“ 9 Mega-Processes with 47 Sub-Processes ”







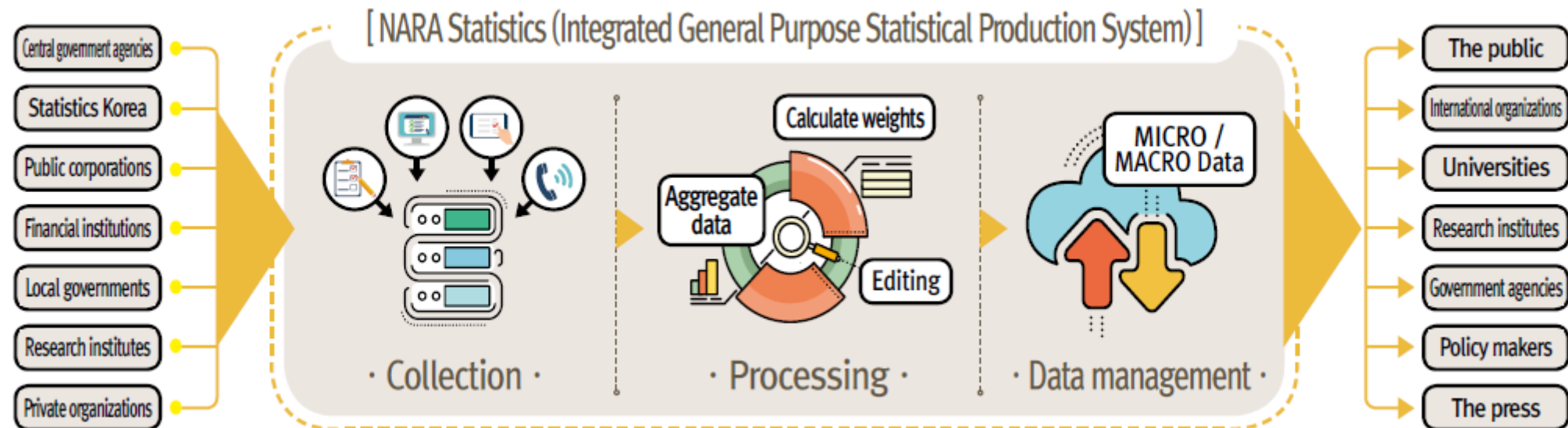
# III NARASat





## Overview of NARASat

### Sharing and Integrated Statistical Production System



- Sharing the system Collaboratively → Reduce Costs to produce statistics
- Hide Complexities into the System → Save Time to produce statistics
- Standardized statistical production Process → Improve the Quality of statistics



## ■ Understanding the NARASat

### Combining functions for statistical production

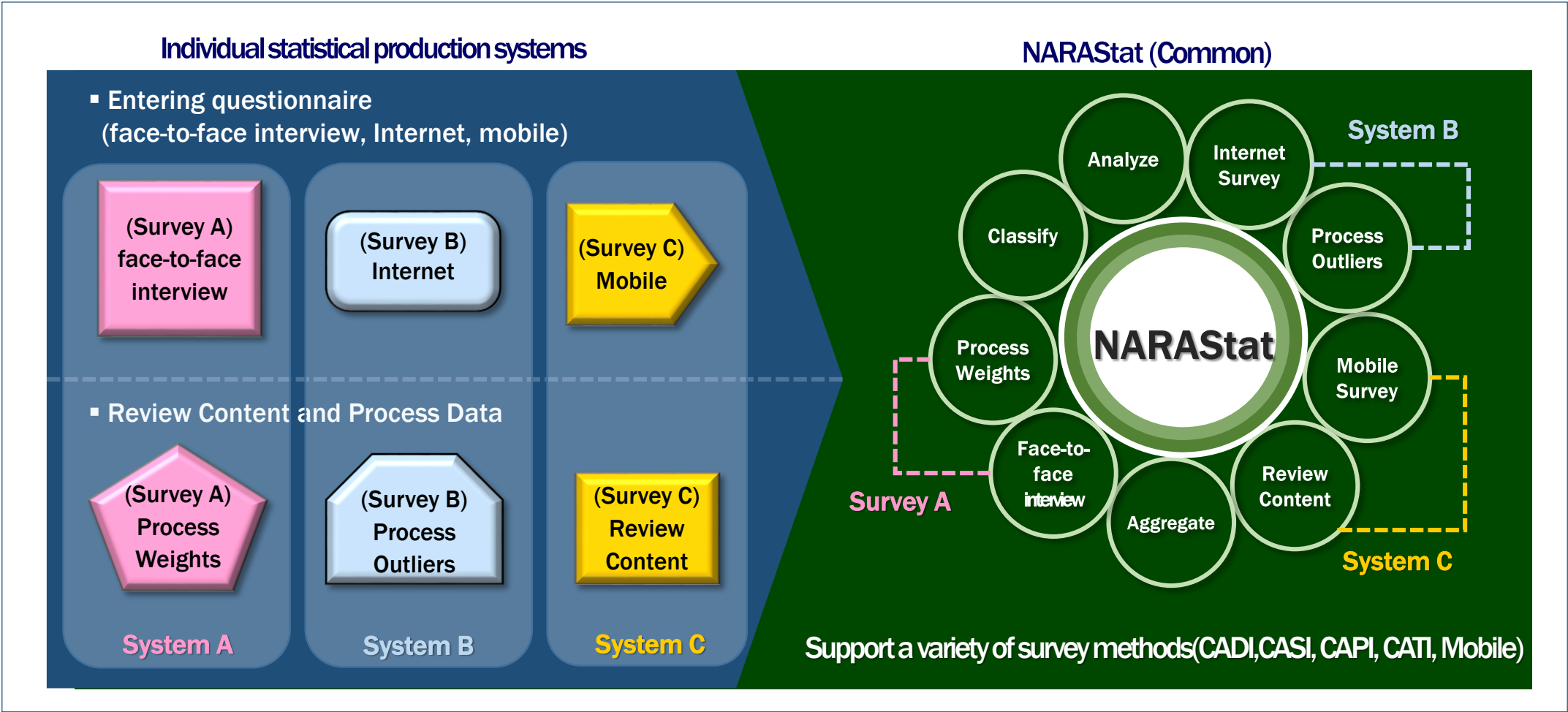
✓ Just like the solution to create documents using various functions ...





■ Understanding the NARASat

Sharing a system that supports various statistical surveys







## IV Achievements & Challenges

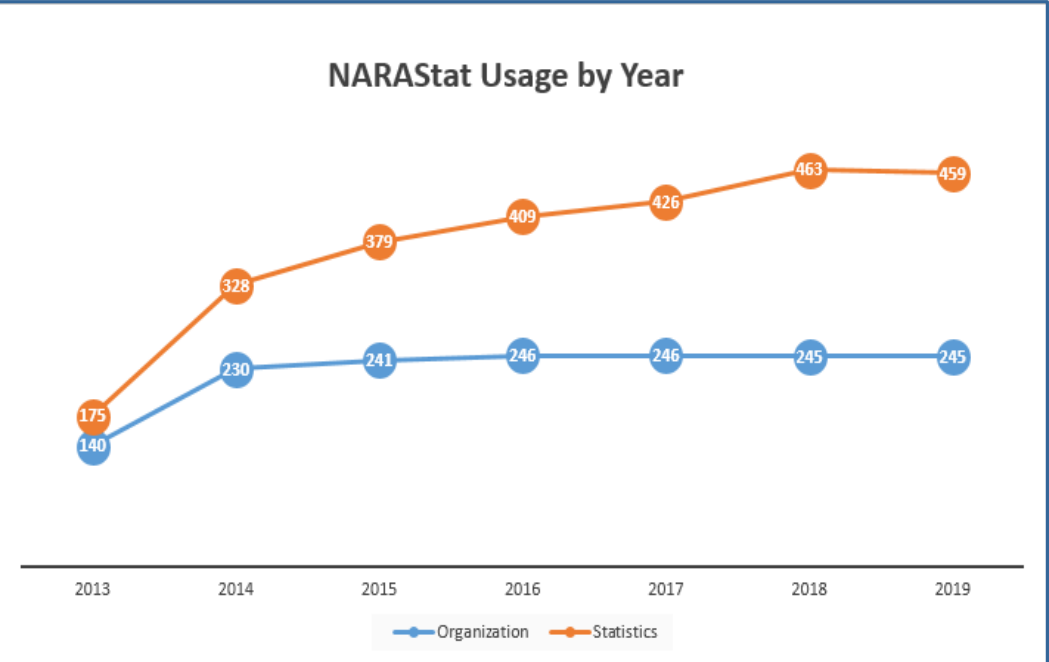




■ Achievements

System Operation Status and Major Achievements

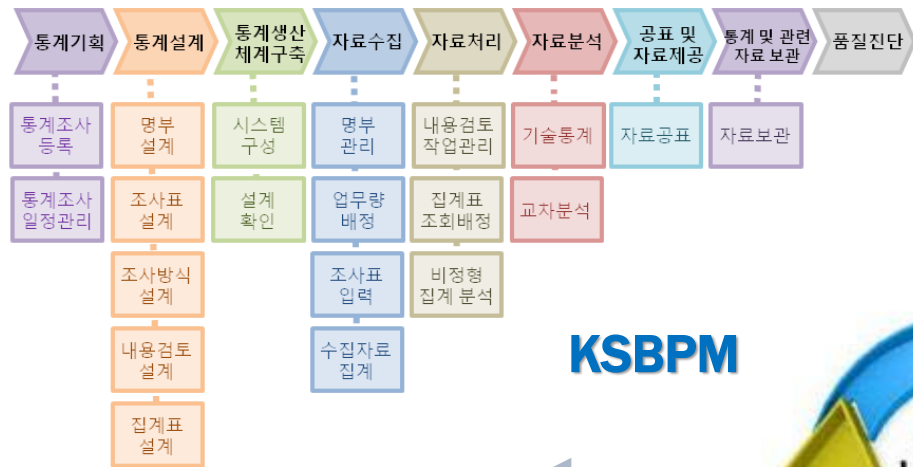
Type of Agency	Number	Statistics by Survey Method		
		Sum	Survey	Derived
Central Administrative Agency	14	94	93	1
Local Government	220	352	135	217
Other Agencies	11	13	13	0
Total	245	459	241	218



- **Strengthen quality** with systematic production and management of official statistics
- **Efficient use of national budget** by joint use of system for statistical production



# Challenges



KSBPM



Standardized Data



NARASat

Flexibility (Changeability)





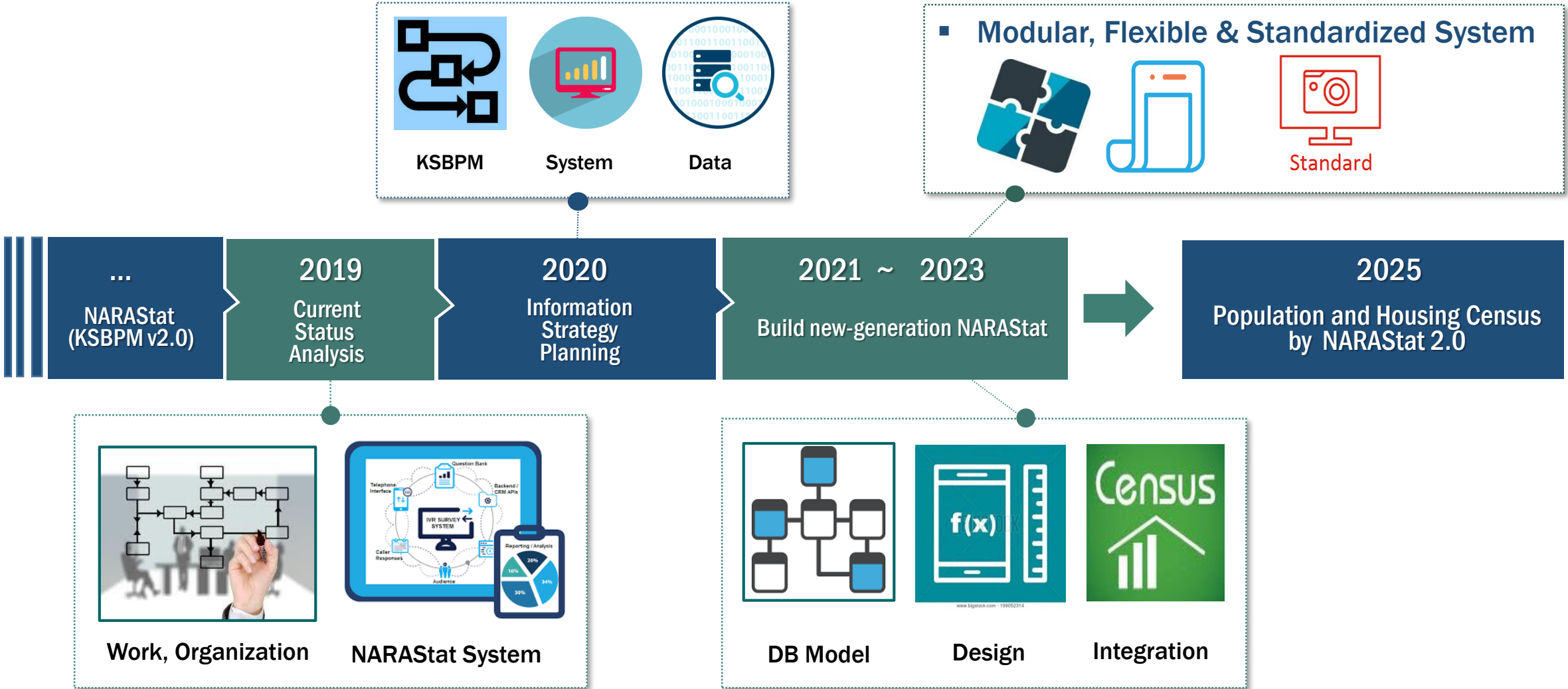


# V Future Plan





■ Future Plans





# Thank You

