DEMAND PLANNING
Umoja Demand Planning and Supply Network Planning Solution
Entity Priority Project Demand

UCS Training Team
Process of planning the Gross Demand

1. **Historical Data (Consumption and Sales Data)**
2. **Classification**
3. **Data Cleansing**
4. **Segmentation**
5. **Statistical Forecast**

Entity Priority Project

Additional Demand

GROSS DEMAND
1. Historical Data. Analyze and Adjust (Consumption and Sales)

2. Classification *Done by the system

3. Data Cleansing

Consumption History from Umoja Production
Planning the Gross Demand 2 of 2

Input

Cleansed History

4. Segmentation
*Done by the system

5. Statistical Forecast

Output

Final Statistical Forecast

Entity Priority
Project Demand

Gross Demand

Additional Demand

Equipment Demand
GROSS DEMAND

- Final Statistical Forecast
- Entity Priority Project Demand

Additional Demand
- Equipment
- Other products/services
• Entities undertake projects of various size and nature;
• The importance varies and whether it is considered as ‘priority’ is to be determined by the entity.
• The recording of all products (both goods and services) for this project is required.
Entity Priority Project

- **Entity Priority Projects** could be projects that the Entity management agreed as part of the concept of operation in PK/SPMs;
- In other entities, they could be significant events that are planned as part of the core business activities, for instance, conferences for regional service centers.
Entity Priority Project Demand

- **Entity Priority Project Demand** is the goods and services needed for a specific project. It is not a forecast based on Historical Consumption. Instead, it is the **Planner's forecast** based on the valuation of the Project outcome and timeline, as these goods and services will be procured and consumed **exclusively** for the Entity Project execution.
Entity Priority Project Demand is one of the elements, together with the Statistical Forecast and Additional Demand, that forms the Gross Demand.

The requirements for existing or new Entity Projects will be determined outside of the DPSNP Solution and afterward added to the Gross Demand using the EPP template of the DPSNP solution.

The solution has the capability to capture demand for multiyear projects that span across budget periods. The maximum planning horizon of Entity Priority Projects is set to 5 years.

As entities undertake projects every year, some of these projects may reoccur, therefore having the data in the system as to what products and in what quantities were used would provide valuable information.
Project Types

- Construction
- Energy management
- Environmental
- Gender Initiative
- Healthcare
- Humans Resource
- ICT Infrastructure
- Information Technology
- New Construction
- Recreation Management
- Refurbishment and Upgrade
- Security Enhancement
- Transport Infrastructure
- Waste Disposal
- Water Conservation
Entity Priority Project: Header, Items and Quantity

Table 1: Insert Project details
- Title of the Project
- Description
- Functional Business Area
- Start and End date
- ....

Table 2: Populate with Product ID of required items

Enter requested quantity in EPP Template
EPP Header

- EPP header is created and maintained as Master Data in the DP-SNP solution

- Project Header
  - Project ID
  - Project Beneficiary
  - Project Owning Entity
  - Project Type
  - Project Start
  - Project End
  - Project Priority (I, II, III, IV, V)
  - Key Partner

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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<td>Project Owning Entity</td>
<td>EPP Description</td>
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<td>Project Start</td>
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</table>
EPP Items

• EPP Items are created and maintained as Master Data in the DP-SNP solution

• Project Item
  o Product ID (Material or Service)
  o Plant
  o Planning Group
  o Fund Element (Internal Order or WBS Element)
## DPSNP Solution

(Ad Hoc Filter) (1 criteria):
EPP Project ID = Training_Seyed

| Plant     | Planning Group ID | Planning Group Descr. | EPP Project ID | Project Type | Product ID | Product Type | Quantity/Value | Base UoM | Key Figure | JUL 2020 | AUG 2020 | SEP 2020 | OCT 2020 | NOV 2020 | DEC 2020 | JAN 2021 | FEB 2022 |
|-----------|-------------------|-----------------------|----------------|--------------|------------|--------------|----------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SS10      | SS10_MED          | UNMISS Medical Section | Training_Seyed | Healthcare   | 21000000006 | MATERIAL     | QTY            | EA       | EPP Demand | 25       | 55       | 7,500    | 9,000    | 55       | 7,500    | 55       | 7,500    |
|           |                   |                       |                |              | 2100001424  | MATERIAL     | QTY            | EA       | EPP Demand |          |          |          |          |          |          |          |          |
|           |                   |                       |                |              | 3001627     | SERVICE      | VAL            | EA       | EPP Demand |          |          |          |          |          |          |          |          |

**40 - EPP Demand**

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Entity Priority Project

GROSS DEMAND

Final Statistical Forecast

Entity Priority Project Demand

Additional Demand
- Equipment
- Other products/services
Thank you!