23 November 2020

DOCKSTHEFUTURE
defining the concept of "Port of the Future"
Digital Conference

Project Common Index (PCI): Evaluating port-related projects
Port of the Future objectives

DocksTheFuture set of objectives

Document analysis
(past/ongoing port projects)
Objective hierarchy

5 WPSP areas

17 high-level strategic objectives

50+ tactical objectives
High-level strategic objectives:

- Actual ("underlying") objectives
- Cover – directly or indirectly – all major objectives for port projects
Performance indicators

- 5 WPSP areas
- 17 high-level strategic objectives
- 50+ tactical objectives

- Aggregated Key Performance Indicators (KPIs)
- Key Performance Indicators (KPIs)
- Performance Indicators (PIs)
From Performance Indicators to Key Performance Indicators

- **Modal shift:** reduce truck share by X%
- **Combat global warming:** reduce CO$_2$e emissions by X tons
- **Improve environmental quality:** reduce NO$_x$e emissions by X tons
- **Higher productivity (of infrastructure):** increase throughput capacity by X tons/TEU

**Tactical objective**

**Performance Indicator**

**Key Performance Indicator**

**High-level strategic objective**
Project “Aggregated KPI” profile

- Most projects have clear focus, hence mean across all areas not helpful for evaluation
- KPI profile shows main impact and side impacts of a project