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**KNOWLEDGE
SECTOR INITIATIVE**



Developing Dry Port in North Sulawesi Province to Reduce Transport Cost from/to Bitung Port

Hafida Fahmiasari

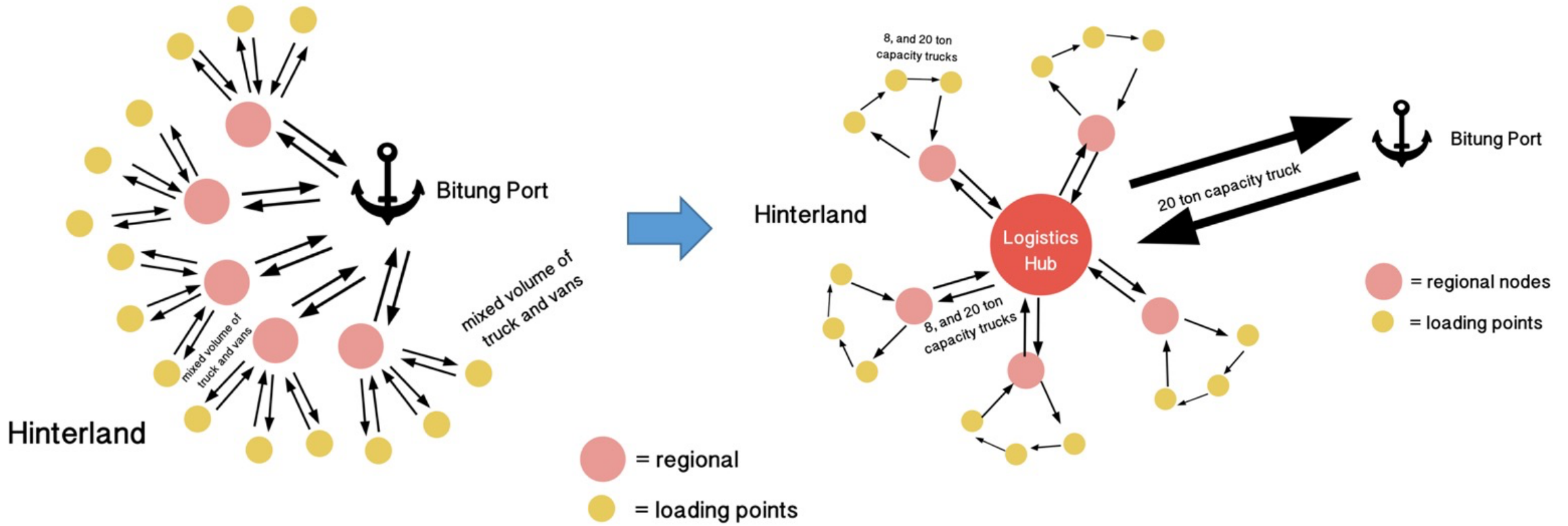
Port Economist/Business Development

Royal HaskoningDHV



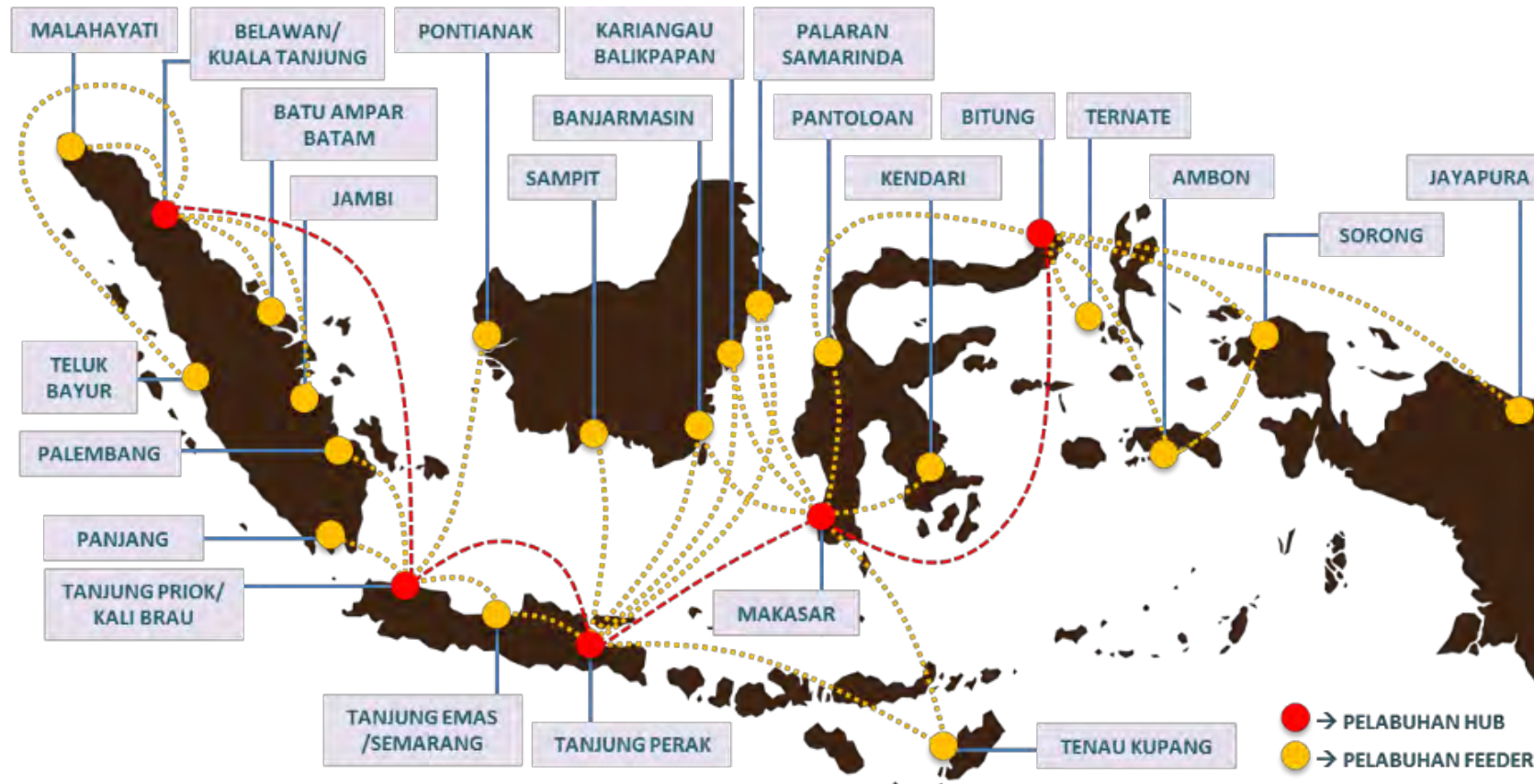


The Idea of Dry Port





The Significant Role of Bitung Port





Research Methodology

Determine the
location of
logistics hub



Design the
logistics hub



Estimate the
feasibility by
SCBA

**Compare the least
transport cost
of 15
candidates**

**Warehouse
Yard
Equipment
Office building**

**OPEX and CAPEX
Economic indicators**





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Airmadidi Dry Port

**Saves IDR
38.3 billion
transport
cost**

**Saves IDR
320,000/ton on
average**

IRR 9%

BCR 2.3

**NPV: IDR 630
Billion**



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Jalesveva Jayamahe!

