



Business Needs and Functional Requirements

Dr Andrew Palmer
Preston Solutions Ltd



WP1 objectives







Supply chain networks

-
-
-
-
-
-
-
-
-



Transport usage

	FMCG	Chemicals	LSP	Other
Owned vehicles				
Contracted carriers - dedicated fleet				
Contracted carriers - non dedicated fleet, single company & shared user				
Ad hoc carriers				



Systems for managing transport

-
-
-
-
-
-
-
-
-
-





Transport planning

-
-
-
-
-
-
-
-





KPI's measured

-
-
-
-
-
-
-
-
-
-
-





LOGISTAR requirements - General



•

•

•

•

•

•

•





LOGISTAR requirements - Predictions

-

-

-

-

-

-





LOGISTAR requirements – Transport planning

-



-

-

-

-

-

-

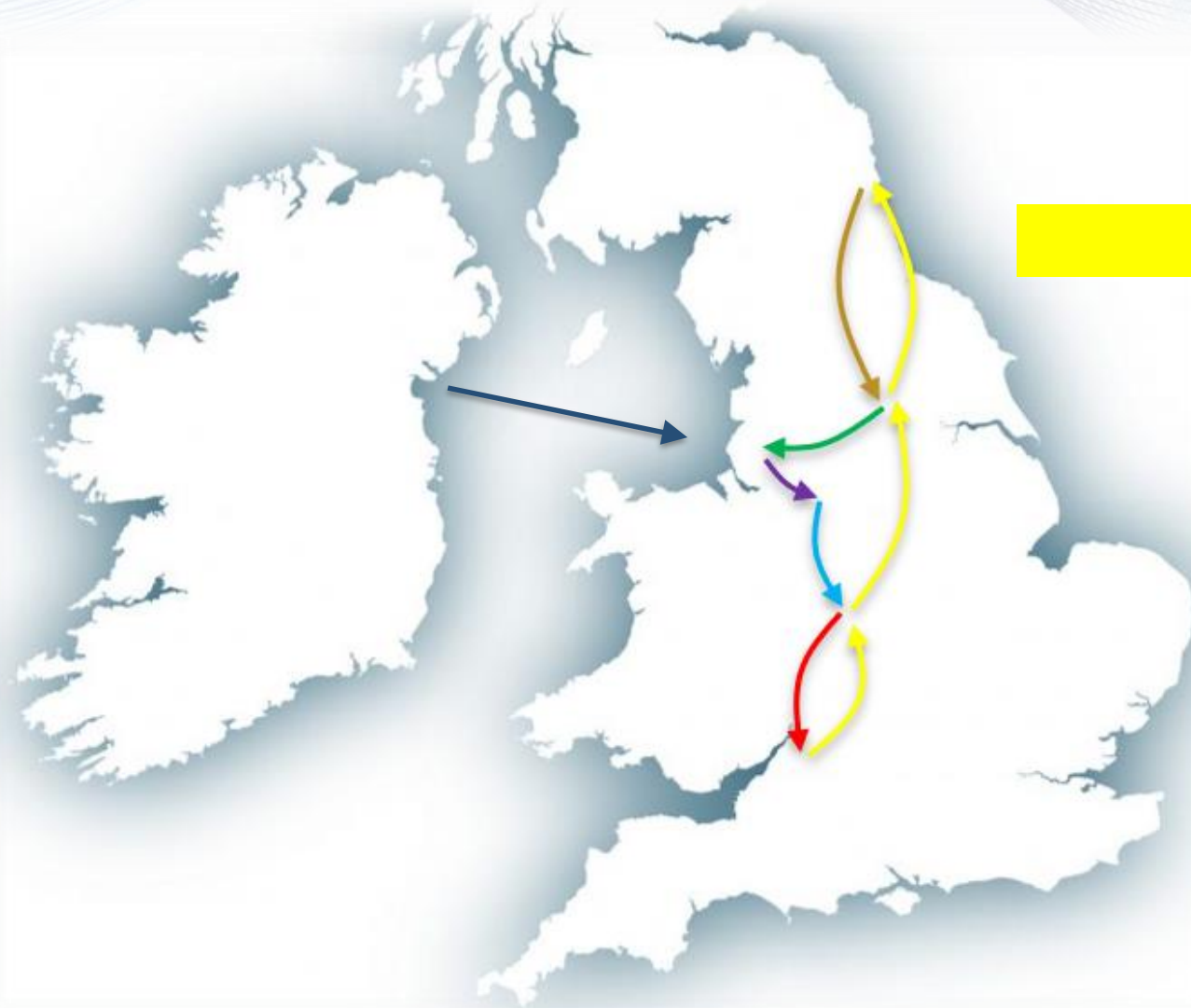
-

-

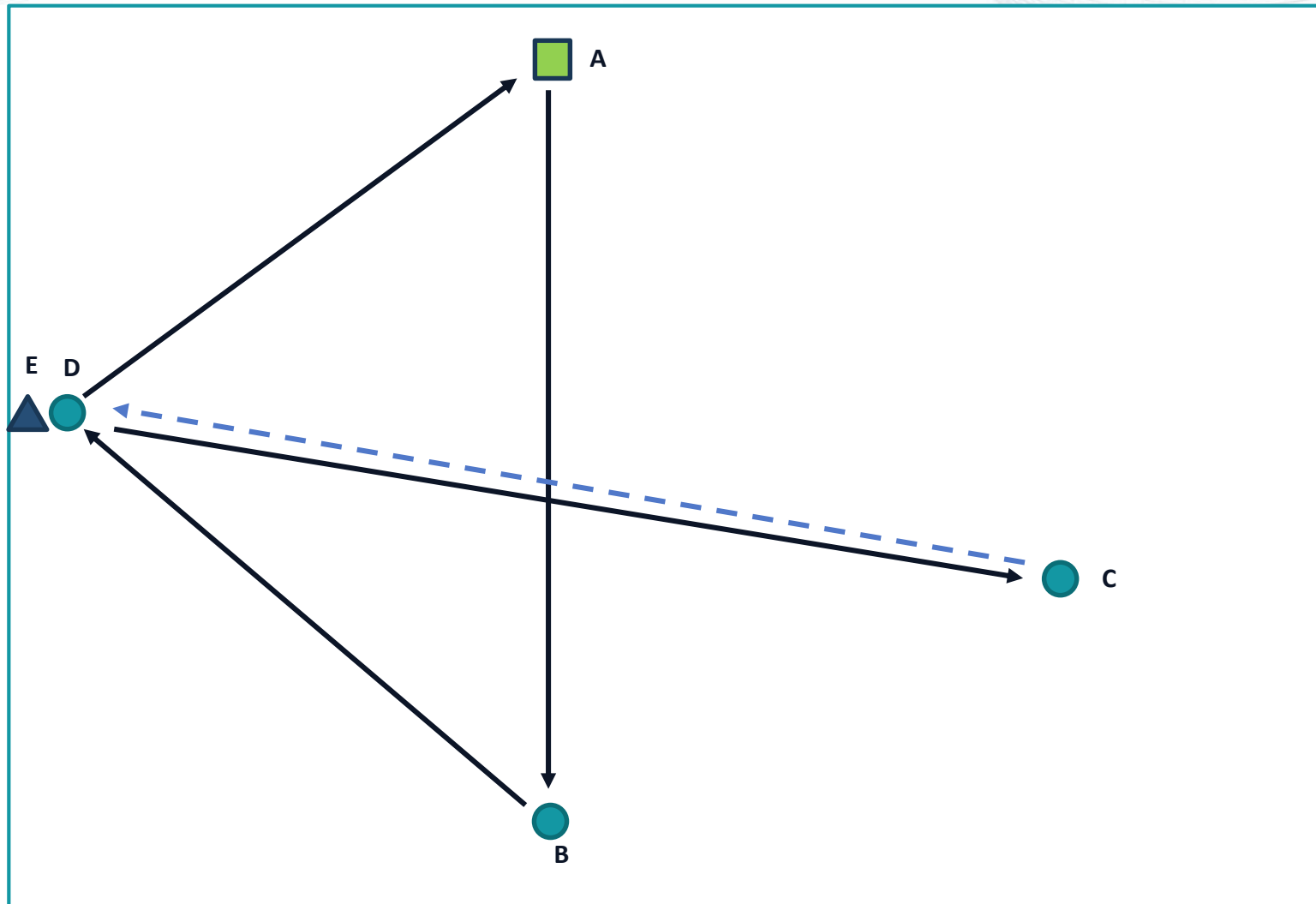
Transport planning – some routing examples



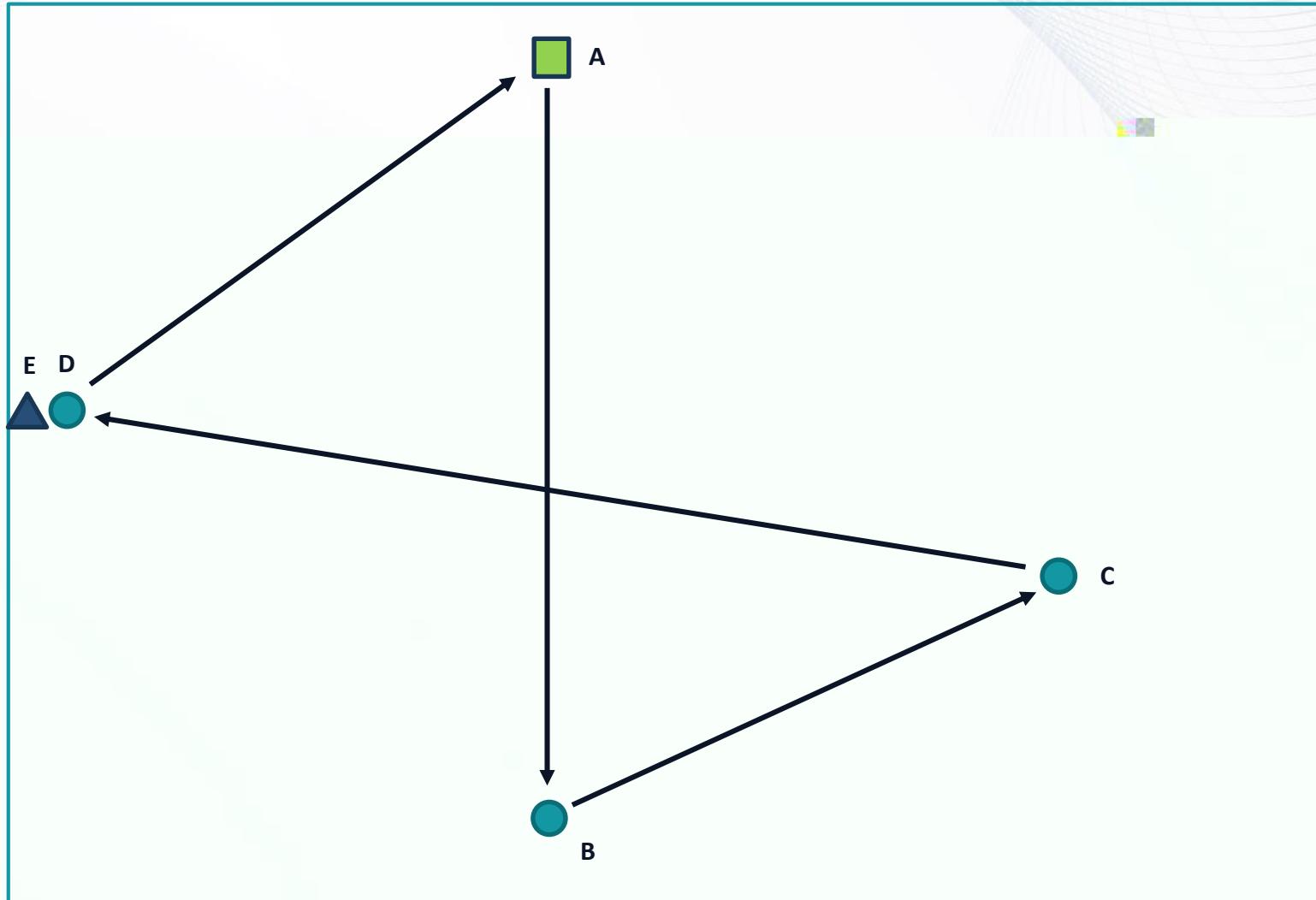
Transport planning – some routing examples



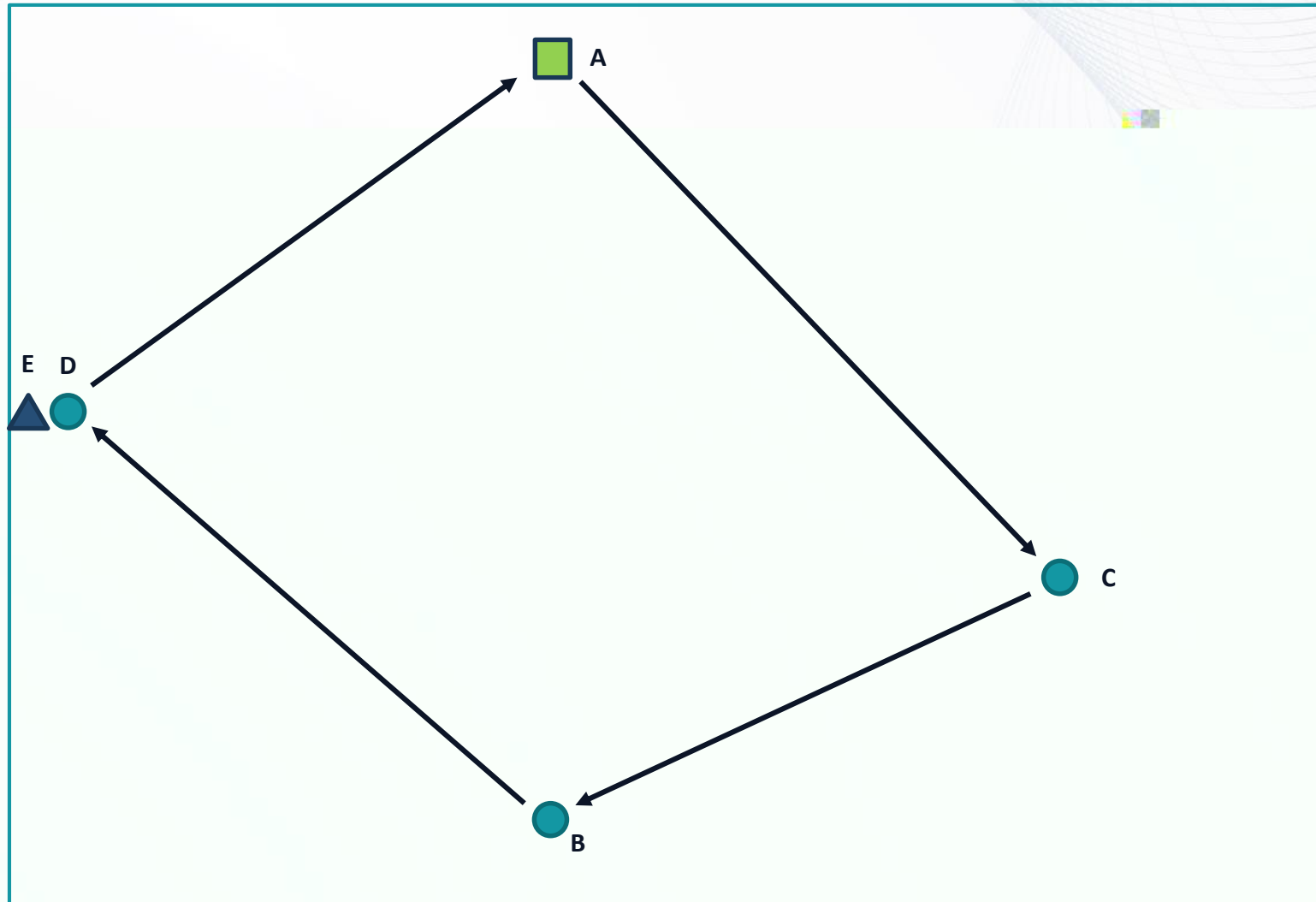
Transport planning – some routing examples



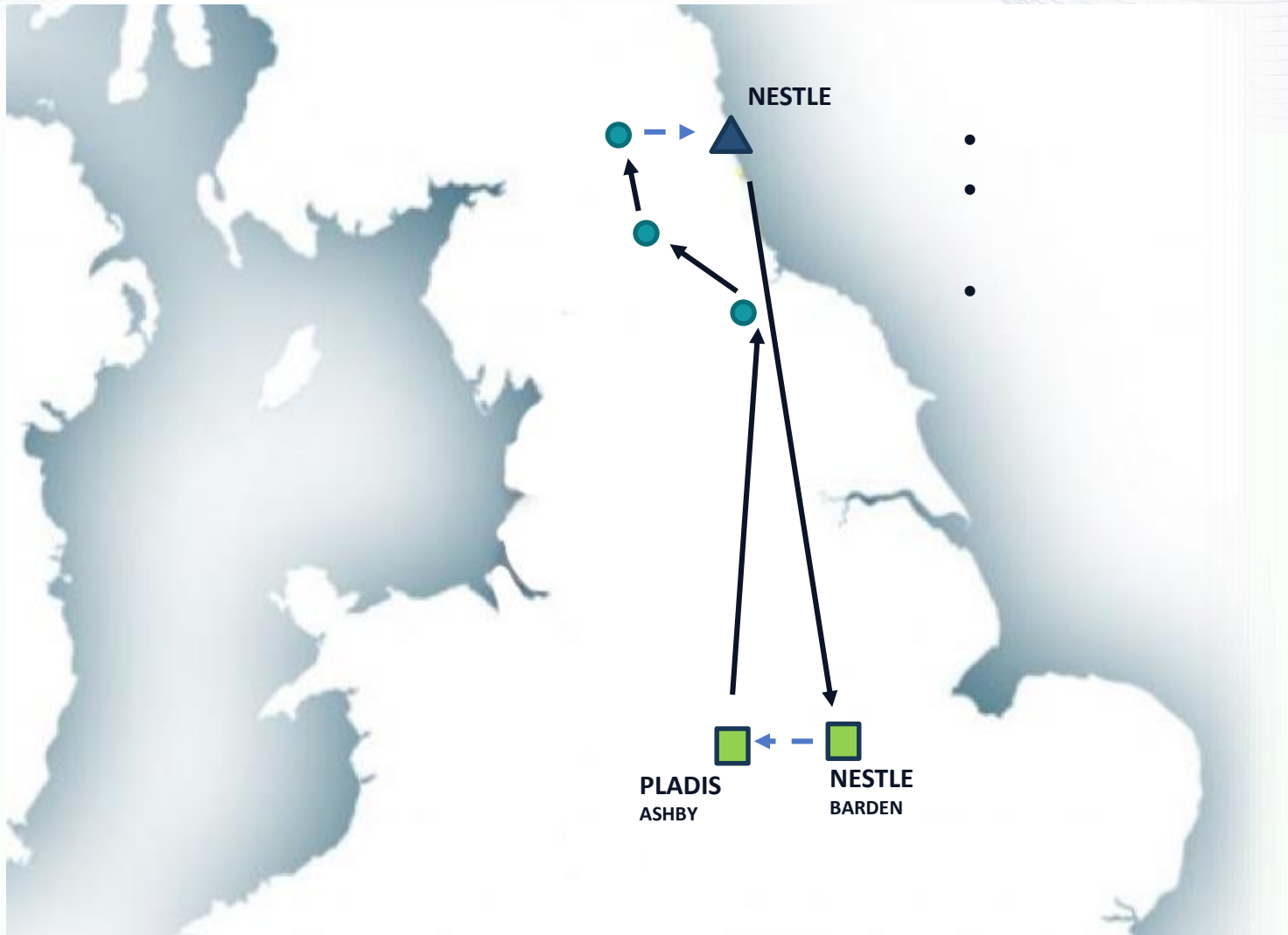
Transport planning – some routing examples



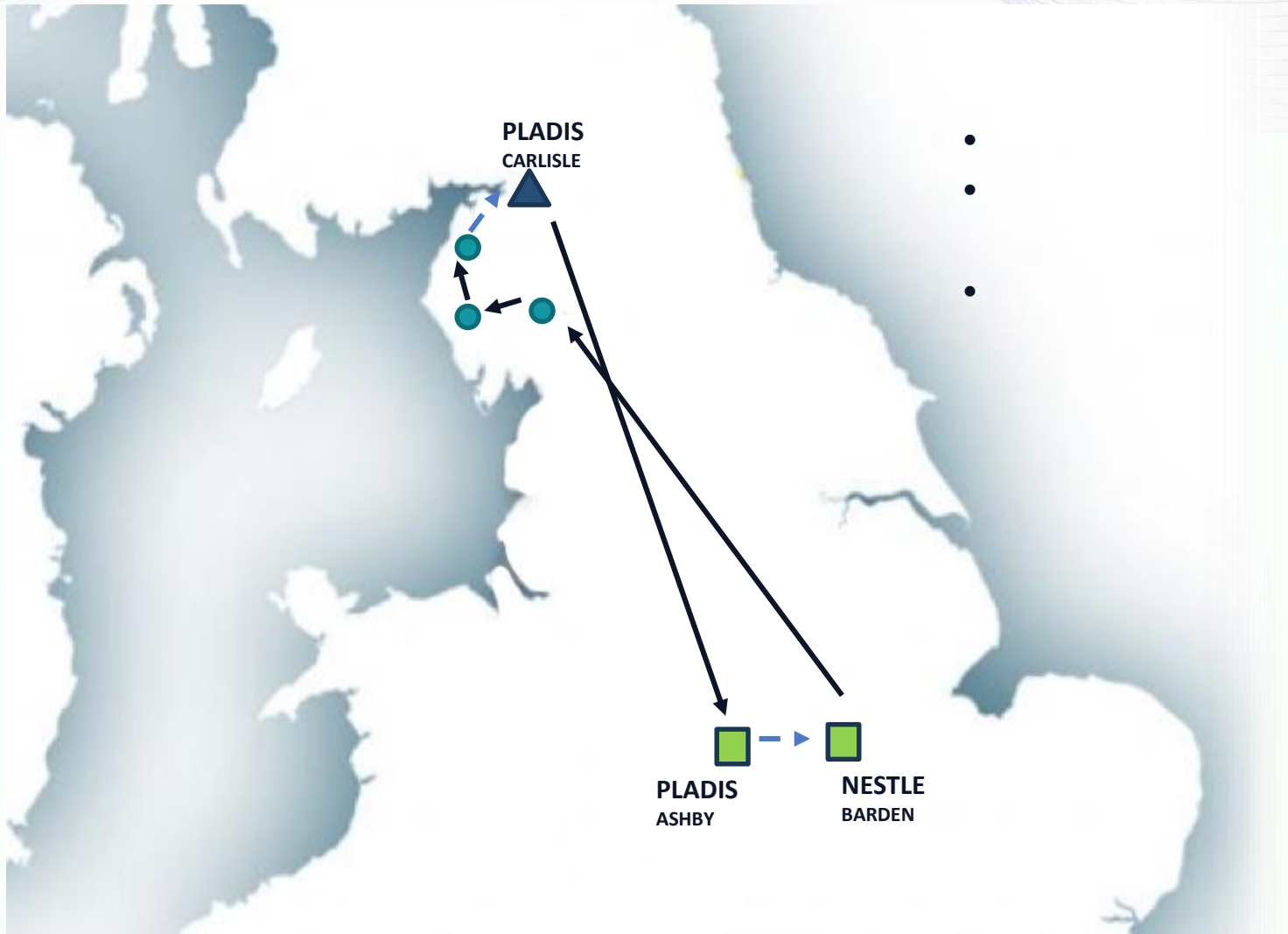
Transport planning – some routing examples



Transport planning – backhauling example



Transport planning – backhauling example



Transport planning – co-loading example





LOGISTAR requirements – Planning re-optimisation

-
-
-

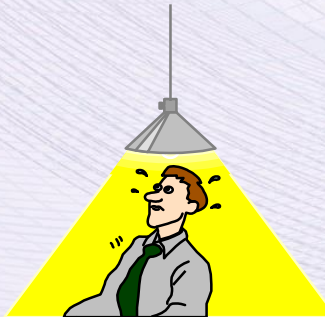


-

subsequent delivery/



Business Needs and Functional Requirements



Thank You
Questions?