Data Title	Description	File Name	Content	Data Type	Notes
Intermodal Network	Information about the terminals and the distance between them for each mode of service	Network.csv	Distance between terminals acording to the type of mode (km)	csv file	Terminals are the nodes to represent origin/destination point of a service line
		Network_Barge.csv		csv file	
		Network_Train.csv		csv file	
		Network_Truck.csv		csv file	
Fixed Schedule Service	Detailed information about services that have a fixed schedule, e.g. the schedule for Barge and Train services	Fixed Vehicle Schedule.csv	- Origin Terminal	csv file	Each row represent an arc of service line connecting two nodes
			- Destination Terminal		
			- Departure Time (hour)		
			- Arrival Time (hour)		
			- Carrying Capacity (TEUs)		
			- Travel Speed (km/hour)		
			- Travel Cost (Euro/line)		
Truck Service	Information similar to the fixed schedule service, but for Truck mode the schedule is not fixed	Truck Schedule.csv	- Origin Terminal	csv file	Departure and arrival time is infinity, as it will be adjusted one a shipment is assigned
			- Destination Terminal		
			- Departure Time (hour)		
			- Arrival Time (hour)		
			- Carrying Capacity (TEUs)		
			- Travel Speed (km/hour)		
			- Travel Cost (Euro/line)		
Demand Data	Shipment properties, including the origin-destination, release time, due time, and volume	shipment_request_200_3w_default.csv	- Origin Terminal (ID)	csv file	- Mode and Solution_List are left to 0 as it will be filled out by the optimization module. - Announce Time is the time when thee shipment information is revealed to the system.
			- Destination Terminal (ID)		
			- Release Time (hour)		
			- Due Time (hour)		
			- Volume (TEUs)		
			- Announe Time (hour)		
Mode Related Costs	Costs related to travel time, distance, and handling for each mode of service	Mode Costs.csv	- Mode (Barge, Train, Truck)	csv file	
			- Time related travel cost (Euro/hour)		
			- Distance related travel cost (Euro/km)		
			- Handling cost (Euro/TEU)		
Other Costs	Storage cost and delay penalty	-	- Storage Cost (Euro/TEU/hour)		Input directly in the model
			- Delay Penalty (Euro/TEU/hour)		
Disruption data (service)	Information about disruption profile in service side	Service_Disruption_Profile_Def.csv	- Duration (hour)	csv file	LB = Lower bound, UB = Upper bound
			- Capacity Reduction (%)		
			- Occurrence Rate (%)		
			- Lamda (Occurrence/Minute)		
Disruption data (demand)	Information about disruption profile in demand side	Request_Disruption_Profile.csv	- Time (hour)	csv file	- 'Time' determines how much the release time is changed
			- Volume (TEUs)		- 'Volume' determine how much the volume is changed
			- Occurrence Rate (%)		- LB = Lower bound, UB = Upper bound
			- Lamda (Occurrence/Minute)		