


TAKING
COOPERATION
FORWARD

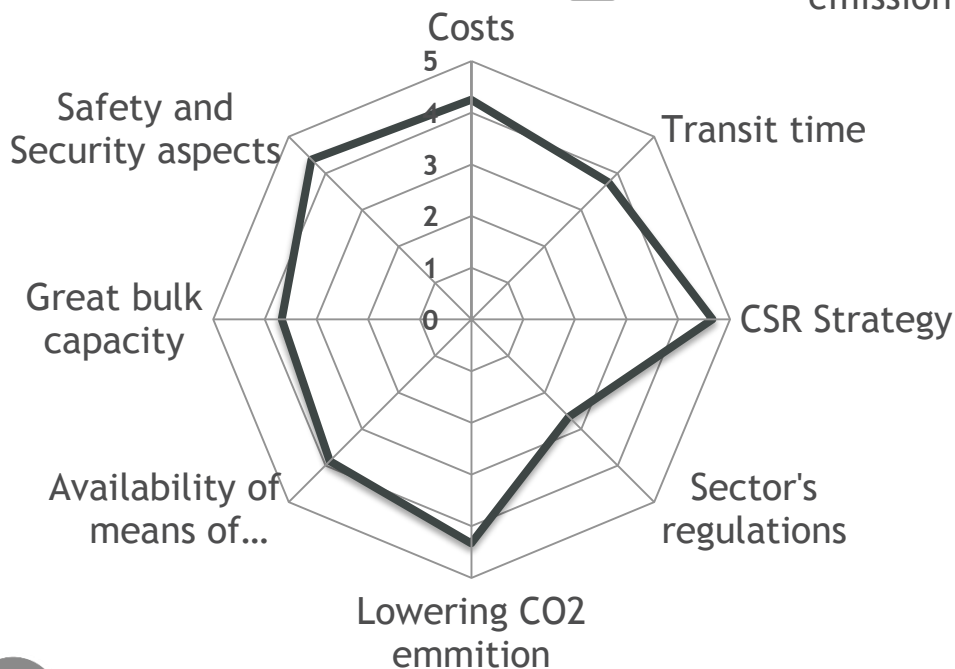
 ChemMultimodal Pilot Phase in Italy: Kick - off Workshop
Milano, 4 December 2017

 **Pilot Project and feasibility study**

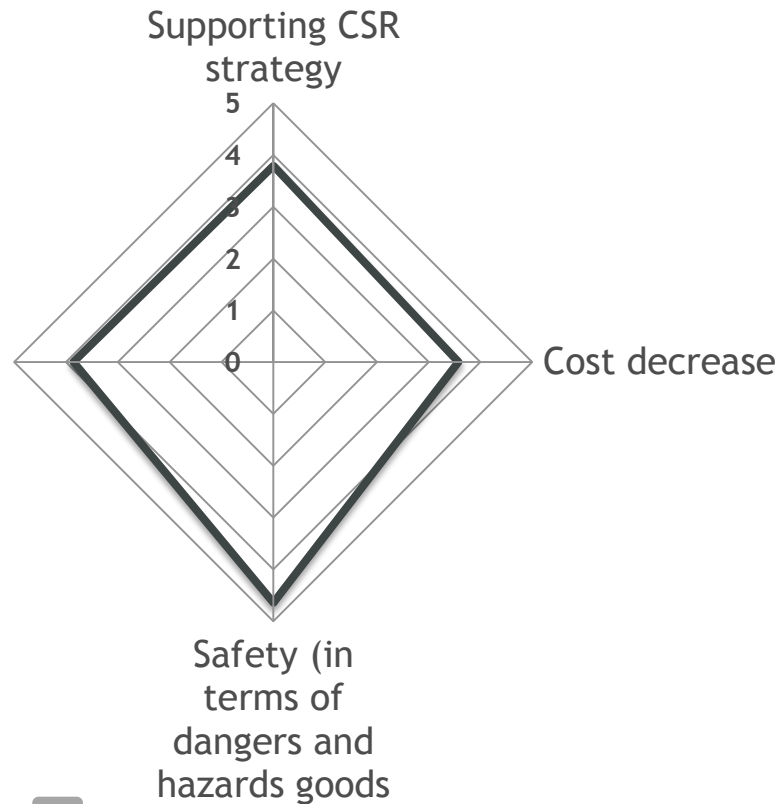
 SC Sviluppo chimica S.p.A. | Enrico Brena

WHY SHIFT TO MULTIMODAL?

COMPANIES



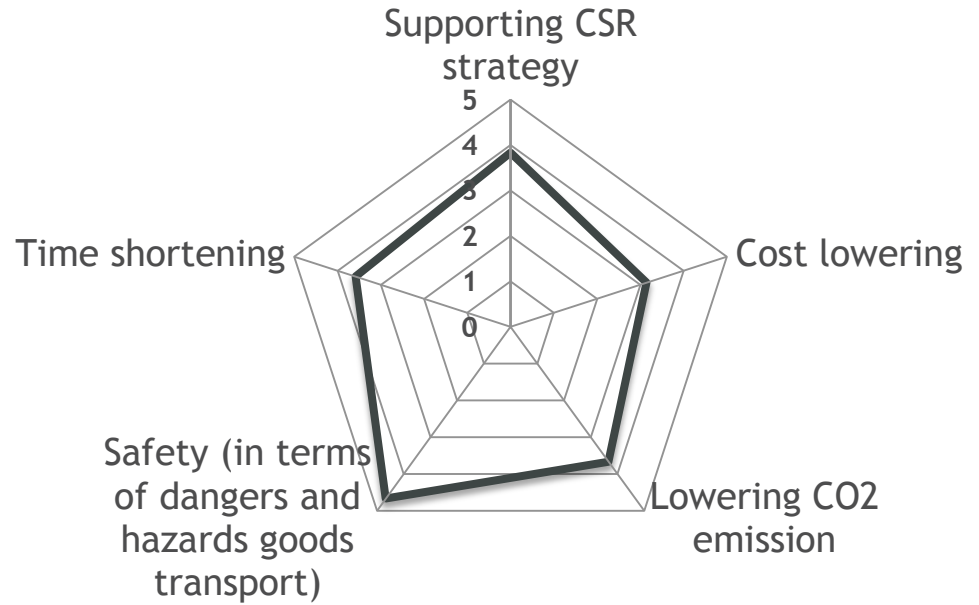
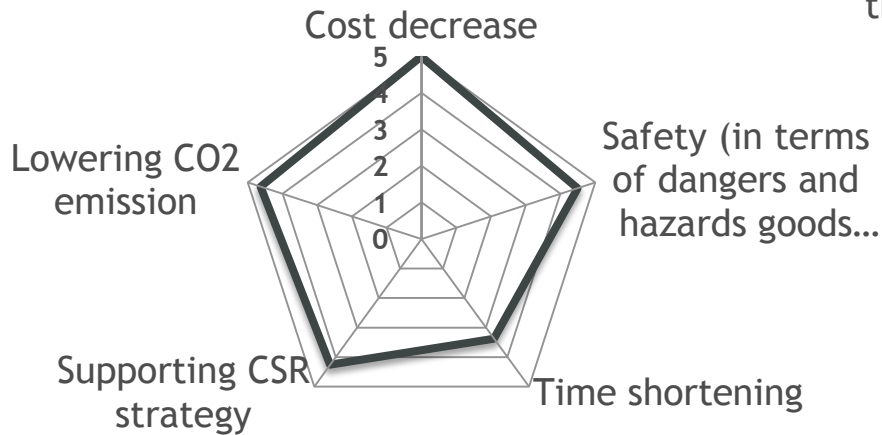
Lowering CO2 emission



LPS

ADVANTAGES

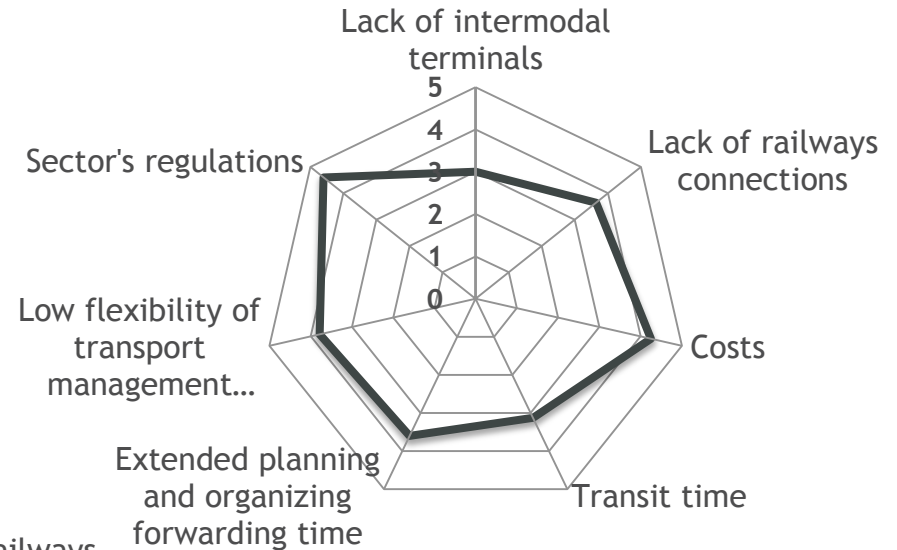
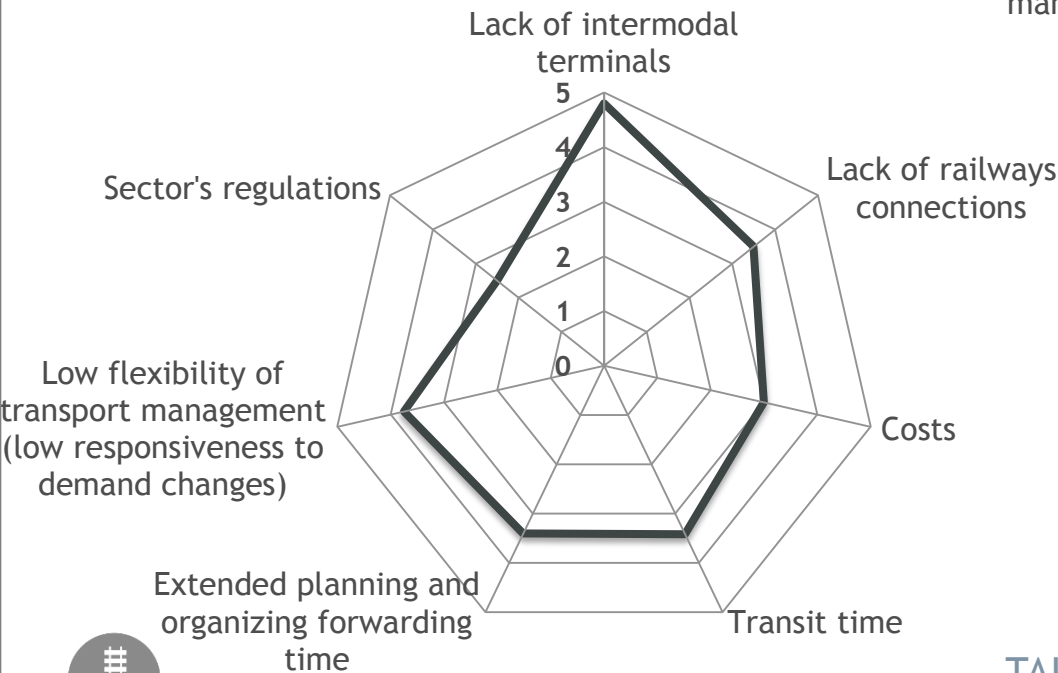
COMPANIES



LPS

DISADVANTAGES

COMPANIES



LPS

Finality/Objectives

1	Involve at least 5 participants between chemical companies/LSPs/HUBs, in every national and/or regional pilot.
2	1 st objective is the shift of 10% of the traffic from single-modal to multimodal for the selected routes by the companies involved in the pilot implementation.
3	2 nd objective is the reduction of CO ₂ emissions by 5% in the selected routes by the companies involved.
4	Involve other stakeholders (chemical associations, union, politics), in order to present pilot results and suggest also for them modal shift from road to rail.



Method Of Implementation

1. Use of Tools - Box (Intermodal link, CO2, Excel/Guidelines/Tool);
2. Consulting Service;
3. Workshop.



The Role Of SC and Provincia di Novara

Step Nr.	Action	Who	How (suggestions)
1	• Individuate Pilot Project participants	Partner Chemical C. LSP	Workshops Stakeholder Meetings
	• Provide consulting services		F2F Meetings
2	• Find routes for modal shift	Partner Pilot Partic.	Dialogue with Pilot Participant
	• Compare performance and emission results	Partner	Using Toolbox and Pilot data
3	Monitor and analyze results	Partner	Using tool box
	Disseminate results	Everyone and more	Final conference and Stakeholder Meetings



Prima attività: raccogliere informazioni fra le Imprese Chimiche...



Impresa: → _____ → Nome:-> _____ → Cognome: → _____ ¶
 Posizione-Aziendale:-> _____ → Telefono: → _____ → Email:-> → _____ ¶

¶
Tabella-per-l'individuazione-dello-spostamento-modale ¶

Rotte-¶	Flusso¶	Quantità-annua(t)¶	Prodotto/-categoria-di-prodotto-e-classe-ADR¶	Modalità-di-trasporto¶ attuale¶	Δ costo-strada/-multimodale¶	Tempi-medi-di-consegna¶	Affidabilità¶	Note,-criticità-e-opportunità¶
¶	<input type="checkbox"/> Entrata¶ <input type="checkbox"/> Uscita¶	<input type="checkbox"/> -1-1000¶ <input type="checkbox"/> -1000-10.000¶ <input type="checkbox"/> +10.000¶	¶	<input type="checkbox"/> -strada¶ <input type="checkbox"/> -multimodale¶ <input type="checkbox"/> -misto-(____%)¶	¶	Strada:¶	<input type="checkbox"/> -alta¶ <input type="checkbox"/> -media¶ <input type="checkbox"/> -bassa¶	¶
						Multimodale:¶		
¶	<input type="checkbox"/> Entrata¶ <input type="checkbox"/> Uscita¶	<input type="checkbox"/> -1-1000¶ <input type="checkbox"/> -1000-10.000¶ <input type="checkbox"/> +10.000¶	¶	<input type="checkbox"/> -strada¶ <input type="checkbox"/> -multimodale¶ <input type="checkbox"/> -misto-(____%)¶	¶	Strada:¶	<input type="checkbox"/> -alta¶ <input type="checkbox"/> -media¶ <input type="checkbox"/> -bassa¶	¶
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						Multimodale:¶		

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 Per ulteriori informazioni rivolgersi al Dott. Enrico Brena, SC-Sviluppo-Chimica S.p.A.: Email: e.brena@federchimica.it Telefono: 0234565.211 ¶



...e fra gli LSP!



Impresa: → _____ → Nome: → _____ → Cognome: → _____ ¶
 Posizione Aziendale: → _____ → Telefono: → _____ → Email: → _____ ¶

Tabella per l'individuazione dello spostamento modale di prodotti chimici - Logistic Service Provider

Tratte per Paese	Quantità annua (t)	Modalità di trasporto attuale	Δ costo strada / multimodale	Affidabilità	È possibile aumentare il MM?	Note, criticità e opportunità
Italia-Germania	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	
Italia-Polonia	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	
Italia-Rep. Ceca	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	
Italia-Austria	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	
Italia-Slovenia	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	
Italia-Ungheria	<input type="checkbox"/> 1-10.000 <input type="checkbox"/> 10.000-100.000 <input type="checkbox"/> +100.000	<input type="checkbox"/> strada <input type="checkbox"/> multimodale <input type="checkbox"/> misto (____%)		<input type="checkbox"/> alta <input type="checkbox"/> media <input type="checkbox"/> bassa	<input type="checkbox"/> sì (____%) <input type="checkbox"/> no	

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Domande?

