

# questionnaire

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## a survey on the application areas for Green Technologies

This is a questionnaire conducted under the SuperGreen project, Task 3.2. Its objective is to assess the greening potential of each technology identified in Task 3.1, applicable to specific activities in each of the Green Corridors listed on Page 2.

Close to this questionnaire, you may find a collection of technologies from different categories (engines & propulsion, cargo handling, fuels, etc.).

*Your collection of technologies includes a few selected ones from several selected categories. You will have to ignore the categories that are not referred in your technologies collection table.*

For all the technologies identified in this table of every category, please:

1. Fill the questions' template. Questions are the same for all technologies and all categories.
2. You will have to copy, paste and fill the questions' template as many times as the technologies.

**We thank you very much for your cooperation!**

## GREEN CORRIDORS

ACRONYM	BRIEF DESCRIPTION- BRANCHES	NICKNAME
<b>BerPal</b>	Malmö-Trelleborg-Rostock/Sassnitz- Berlin-Munich-Salzburg-Verona-Bologna-Naples-Messina-Palermo Branch A: Salzburg-Villach-Trieste (Tauern axis) Branch B: Bologna-Ancona/Bari/Brindisi-Igoumenitsa/Patras-Athens	<b>Brenner</b>
<b>MadPar</b>	Madrid-Gijon-Saint Nazaire-Paris Branch A: Madrid-Lisboa	<b>Finis Terrae</b>
<b>CorMun</b>	Cork-Dublin-Belfast-Stranraer Branch A: Munich-Friedewald-Nuneaton Branch B: West Coast Main line	<b>Cloverleaf</b>
<b>HelGen</b>	Helsinki-Turku-Stockholm-Oslo-Göteborg-Malmö-Copenhagen (Nordic triangle including the Oresund fixed link)- Fehmarnbelt - Milan - Genoa	<b>Edelweiss</b>
<b>RotMos</b>	Motorway of Baltic sea Branch: St. Petersburg-Moscow-Minsk-Klapeida	<b>Nureyev</b>
<b>RhiDan</b>	Rhine/Meuse-Main-Danube inland waterway axis Branch A: Betuwe line Branch B: Frankfurt-Paris	<b>Strauss</b>
<b>AthDre</b>	Igoumenitsa/Patras-Athens-Sofia-Budapest-Vienna-Prague-Nurnberg/Dresden-Hamburg	<b>Two Seas</b>
<b>SinOde</b>	Odessa-Constanta-Bourgas-Istanbul-Piraeus-Gioia Tauro-Cagliari-La Spezia-Marseille-Barcelona-Valencia-Sines Branch A: Algeciras-Valencia-Barcelona-Marseille-Lyon Branch B: Piraeus-Trieste	<b>Mare Nostrum</b>
<b>CNHam</b>	Shanghai-Le Havre/Rotterdam-Hamburg/Göteborg-Gdansk-Baltic ports-Russia Branch: Xiangtang-Beijing-Mongolia-Russia-Belarus-Poland-Hamburg	<b>Silk Way</b>

# Section 1:

## <<Engines & Propulsion Systems>>

EN Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal

- ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>					
Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>					
The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>					
Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>					
In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>					
Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years      ☐ 1 to 5 years      ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- indicating whether the technology can be applicable or not,
  - rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
  - Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## Section 2:

# <<Fuels & Sources of Energy>>

FU Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal

- ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>					
Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>					
The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>					
Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>					
In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>					
Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years      ☐ 1 to 5 years      ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- d) indicating whether the technology can be applicable or not,
- e) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
- f) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## Section 3:

# <<Cargo Handling & Transfer >>

HT Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal
 ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years
 ☐ 1 to 5 years
 ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- g) indicating whether the technology can be applicable or not,
  - h) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
  - i) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		



## Section 4:

# <<Heating & Cooling >>

HC Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal

- ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years      ☐ 1 to 5 years      ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- j) indicating whether the technology can be applicable or not,
  - k) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
  - l) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## Section 5:

# <<Innovative Units & Treatment >>

LU Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal
 ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years
 ☐ 1 to 5 years
 ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- m) indicating whether the technology can be applicable or not,
- n) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
- o) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## Section 6:

### <<Vehicles >>

VE Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal

- ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years      ☐ 1 to 5 years      ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- p) indicating whether the technology can be applicable or not,
- q) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
- r) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## Section 7:

# <<Navigation Technologies >>

NA Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal
 ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years
 ☐ 1 to 5 years
 ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- s) indicating whether the technology can be applicable or not,
  - t) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
  - u) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		



## Section 8:

### <<Best Practices >>

BP Technology: \_\_\_\_\_

- ☐ Railway  
☐ Road  
☐ Multimodal

- ☐ Maritime  
☐ Inland Waterway

1. Please rate the impact of this technology with reference to the following areas (1=min, 5=max). For facilitating your decision, each area is shortly discussed.

	1	2	3	4	5
<b>Economy and Efficiency</b>  Absolute and relative costs for transferring goods, considering: (i) type & (ii) quantity of goods, (iii) type of activity at nodes, (iv) mode of transport used for each link, (v) distance for each link and (vi) average speed for each link.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Quality</b>  The following issues are concerned: (i) transport time, (ii) reliability (time precision), (iii) ICT applications, (iv) frequency of service and (v) cargo security & (vi) safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmental Sustainability</b>  Impact towards greenhouse gas emissions (carbon footprint) and polluters is considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Infrastructural Sufficiency</b>  In this area, congestion cost, as the external cost of delays, and traffic bottlenecks are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Social Issues</b>  Extensive corridor land use, neighbouring to sensitive areas, social issues that arise due to traffic safety or noise are considered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please expand on the above, if necessary.

2. Please rate this technology according to your aspect towards its maturity.

- ☐ > 5 years      ☐ 1 to 5 years      ☐ < 1 year

Please expand on the above, if necessary.

3. Based on the above, please rate the greening potential of this technology for the each of the following corridors and branches:
- v) indicating whether the technology can be applicable or not,
  - w) rating the applicability of the technology to the whole corridor, i.e. write 20% if the technology can be applied only at the 20% of the corridor.
  - x) Comment your selections indicating the parts of the corridor that can/cannot be altered to accommodate this technology.

Corridor	Branch	Applicable	Percentage of applicability	Comment
Brenner	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Finis Terrae	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Cloverleaf	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Edelweiss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Nureyev	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Strauss	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Two Seas	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Mare Nostrum	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch B	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Silk way	Main	<input type="checkbox"/> Yes <input type="checkbox"/> No		
	Branch A	<input type="checkbox"/> Yes <input type="checkbox"/> No		

The End  
Many thanks for your cooperation

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