Future Circular Collider (FCC) Conference
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STAKEHOLDER ENGAGEMENT STRATEGIES
Benchmarkings and Partnerships, to bring the TELT project into Europe and Europe into the project
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AGENDA

• the TELT project

• benchmarkings and partnerships to be visible in Europe

• projects to be visible locally
The Lyon-Turin railway line is part of the European TEN-T project which aims at connecting eastern and western Europe through a new cross-border line across the Alps. This is the key link of the Mediterranean core network corridor which will be completed by 2032.
TEN-T Network
Mediterranean Corridor

TELT 200 employees

the TELT project
57.5 km (tunnel)
160 km in total

12 operational construction sites between Italy and France
2 new international stations
12 meters excavated per day using the TBM
2029 date of completion of the work
2032 date of commissioning
8.6 billion euros of investments
81 international calls for tenders
4,000 direct and 4,000 indirect jobs
+20k contracts with contractors and sub-contractors

the TELT project
Many territories, many mayors, many customs…in a word, binationalism

the TELT project
113 km of exploratory surveys carried out

32 km of tunnels completed

100% of the contracts for the base tunnel will be awarded by 2023

€6.6 billion already spent or committed for the project
100% of mechanised excavation completed with Federica TMB

1,400 people working in the construction sites, in planning activities and services

the TELT project
WHY? - 1 MILLION LORRIES ACROSS THE ALPS

The old Fréjus railway tunnel is able to meet only a small part of the freight traffic demand: 9% of the total, compared with 64% for the Swiss axis and 31% for the Austrian one.

The new line will lead to an annual reduction in greenhouse gas emissions of up to 3 million tons a year, equal to the amount produced by a city of 300,000 inhabitants.

But also to link Europe…and more
AGENDA

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Bring the TELT project into Europe and Europe into the project

why?

1 we need to search for best practices
2 work together with the best companies
3 disseminate knowledge internally and externally
4 we need to communicate

benchmarkings and partnerships to be visible in Europe
The experience of TELT’s international benchmarking between research and innovation – model from 2018

PHASE 1: The board of directors or the operations management board requests benchmarking studies to be carried out.

PHASE 2: The objectives are identified and boundary analysis of the reference context is performed.

PHASE 3: A qualitative questionnaire and a quantitative questionnaire are prepared for collecting the data required for the study.

PHASE 4: International contacts for the acquisition of information and data are identified.

PHASE 5: Connections are made and relationships of trust are built with the selected contacts.

PHASE 6: Data is collected through one-to-one meetings, studies and readily available literature.

PHASE 7: The material gathered is processed.

PHASE 8: An output document summarizing the work and highlighting objectives and proposals for improvement is prepared.

PHASE 9: The study work carried out is returned to the client, highlighting the objectives achieved, the difficulties encountered and the proposals for improvement, and dashboards with indicators that make it possible to map the state of the company are prepared. The state of the company is mapped.

PHASE 10: A response is given to any request for additional information received in phase 9.

PHASE 11: The international relations previously built are maintained for future study activities.

PHASE 12: Some comparative studies may end with days of knowledge exchange with all the actors concerned gathered at a working table.

Involving all departments:
- Board
- Governing Board
- Railway Department
- Finance Department
- Procurement Department
- Legal Department
- General Affairs Department
- Engineering Department
- Administrative Department
- Personnel Department
- Communication Department
- Sustainability Department
- Construction Department

benchmarkings and partnerships to be visible in Europe
**Benchmarks 2018-2023**

**Topics:**
- construction
- environmental sustainability
- personnel management
- company organisation
- management models
- search for innovation
- start-up
- European calls and finance
Supporting CERN in the design of the next FCC tunnel. Knowledge exchanges on topics such as excavation materials, environment, communication, construction and techniques.

Sharing best practices and innovative methodologies to promote safety and security. Operational projects in the field of advanced training of safety officers.

Working tables and knowledge exchanges in the fields of management strategies, business models and maintenance.

Sharing best practices and innovative methodologies in the field of security and sustainability. Operational projects in the fields of political/institutional bodies of national interest, relations and communication with stakeholders.

Joint participation in European calls for the promotion of sustainability and European social policies. Operational projects in the field: €5 million call for re-use of excavated materials.

Working tables and knowledge exchanges in the fields of management control, internal audit and governance, management and reuse of excavated materials.

Sharing best practices and methodologies for the management and development of railway networks. Operational projects in the fields of shadow operators, sustainability and stakeholder management.

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International partnerships to innovate and disseminate

benchmarkings and partnerships to be visible in Europe
benchmarking and partnership to be visible in Europe

...the journey continues..

benchmarkings and partnerships to be visible in Europe
Benchmark annual numbers

- 6 benchmarks
- over 15 international companies involved in the projects
- 3 European missions/month
- 5 monothematic in-depth studies
- 5,000 km travelled each month
- 8 international knowledge exchanges and visits to projects
- 4 participations in international conferences
- 20 papers written by colleagues for international conferences
- 24 focus papers
- 1 website dedicated to over 90 infrastructure projects worldwide
- 1 short film

benchmarkings and partnerships to be visible in Europe
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- the TELT project
- benchmarking and partnership to be visible in Europe
- projects to be visible locally
An exceptional approach for an exceptional project

To support the Lyon-Turin project, the French State decided in 2003 to introduce the Grand Chantier observatory. It is managed by the Prefect of Savoie, in collaboration with the Auvergne Rhône-Alpes Region, the Department of Savoie and the Syndicat du Pays de Maurienne.

Developing future projects

Innovation, living environment, revitalisation of urban centres, diversification of economic activities and also energy transition: the Grand Chantier observatory finances projects and services to collectively and sustainably build a new dynamic in Maurienne area. It’s a real development lever for the area and its 45,000 inhabitants!
• 270 contacts with the region
• 76 meetings to respond to requests from elected representatives
• 30 public information meetings
• 45 meetings to respond to requests from associations, residents or businesses
• 15 construction site visits with elected representatives and local residents
• 2 open days
• 24 newsletters sent by e-mail and posted on the website
• + 1,523 flyers distributed in shops and town halls.
• Employment and training: up to 3,000 wage earners collected on the territory

• Employment of local company resources

• Use of local private homes and hotels as well as restaurants and non-construction of base camps

The importance of training is a key element for individual and collective development in an ever-changing world. Training provides opportunities to learn, grow and acquire skills that enable one to face challenges and make the most of opportunities along the way.

The importance of local hiring is a key aspect of promoting sustainable development and equitable growth of communities. Hiring people from local communities offers numerous benefits for both companies and the communities themselves.

The importance of using local businesses is crucial for sustaining and developing communities. When you choose local businesses instead of large chains or international companies, you directly contribute to the local economy and promote sustainable growth.
projects to be present locally
Communicate to bring the TELT project into Europe and Europe into the project
The final summary is...

public communications
The final summary is...

local relations
The final summary is…

talking construction sites
The final summary is…

talking construction sites
The final summary is…
talking construction sites
“Be less curious about people and more curious about ideas.”
Marie Curie

THANK YOU - IACOPO FAGGIANI