



5th July 2022
European Logistics Innovation Day
BOOSTLOG project's event

6th July 2022
ALICE General Assembly

Boosting impact generation from research and innovation on integrated freight transport and Logistics system



Welcome!

Francois Regis Le Tourneau

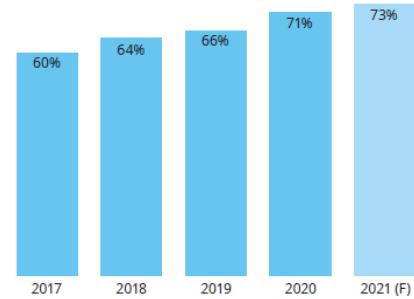
ALICE chair and

Vice President Corporate Responsibility – L'Oréal For the Future, L'ORÉAL



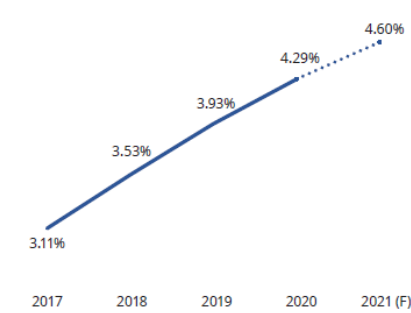
Activities performed in the frame of BOOSTLOG Project, “Boosting impact generation from research and innovation on integrated freight transport and Logistics system”, that has received funding from the European Union’s Horizon 2020 research and innovation Programme under grant No 101006902

E-SHOPPERS, EUROPE



SOURCE: EUROSTAT; NATIONAL E-COMMERCE ASSOCIATIONS; PARTNERS; STATISTA; UNITED NATIONS

E-GDP, EUROPE

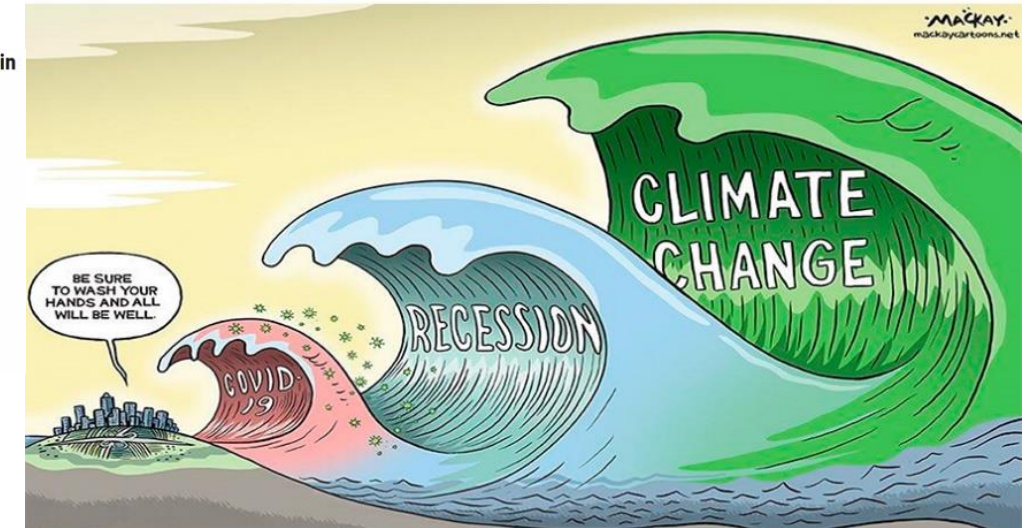


SOURCE: CMI ANALYSIS

Wanted: 80,000 truck drivers to help fix the supply chain



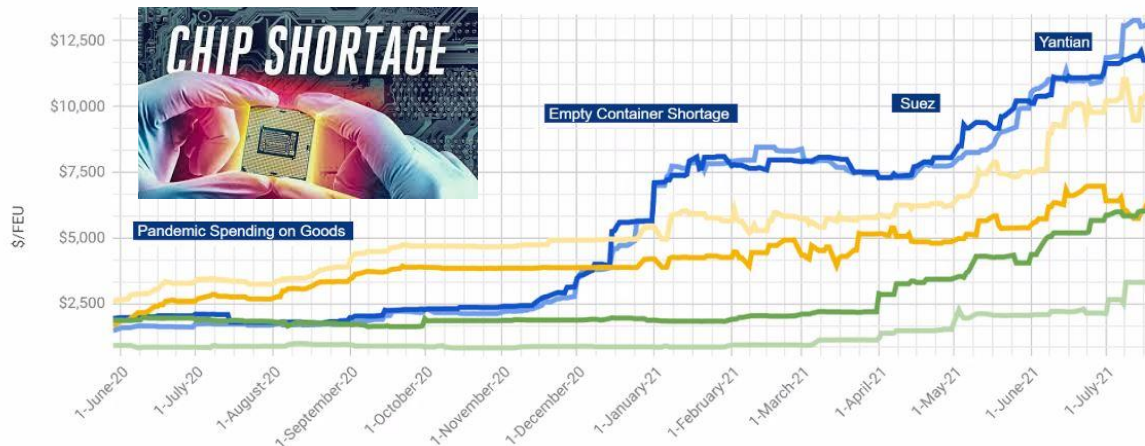
By Vanessa Kurbadish, CNN
Updated 23:49 GMT (17:49 HKT) October 18, 2021



Source: [2021 EUROPEAN E-COMMERCE REPORT – Ecommerce Europe](https://www.e-commerce-europe.com/2021/04/2021-european-e-commerce-report/)

Container freight rates & unbalanced flows

— Asia-Europe — Asia-Med — Asia-USWC — Asia-USEC — Europe-N. America — Europe-S. America



Source: Freightos – fbx.freightos.com powered by: <https://www.hellenicshippingnews.com/>

EUA Futures
03/07/2022

€86.18

DEC 23

€88.47

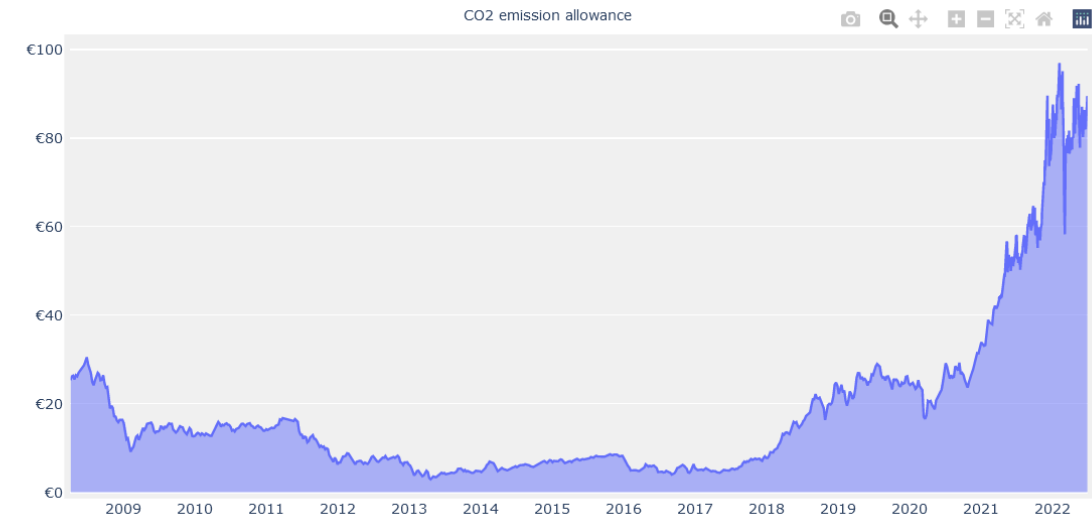
DEC 24

€93.53

DEC 25

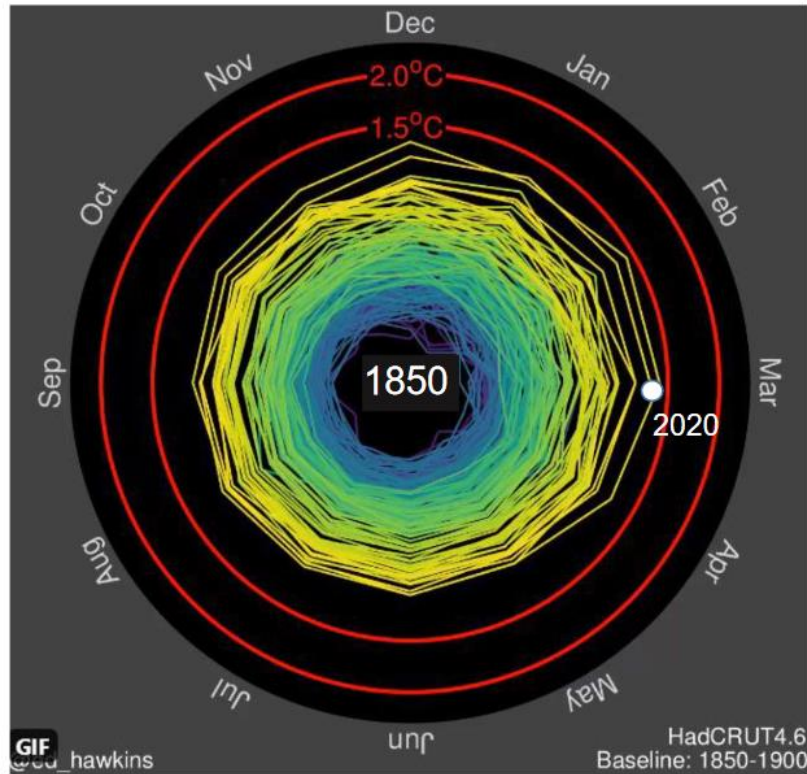
€100.40

Source



Source: <https://sandbag.be/index.php/carbon-price-viewer/>

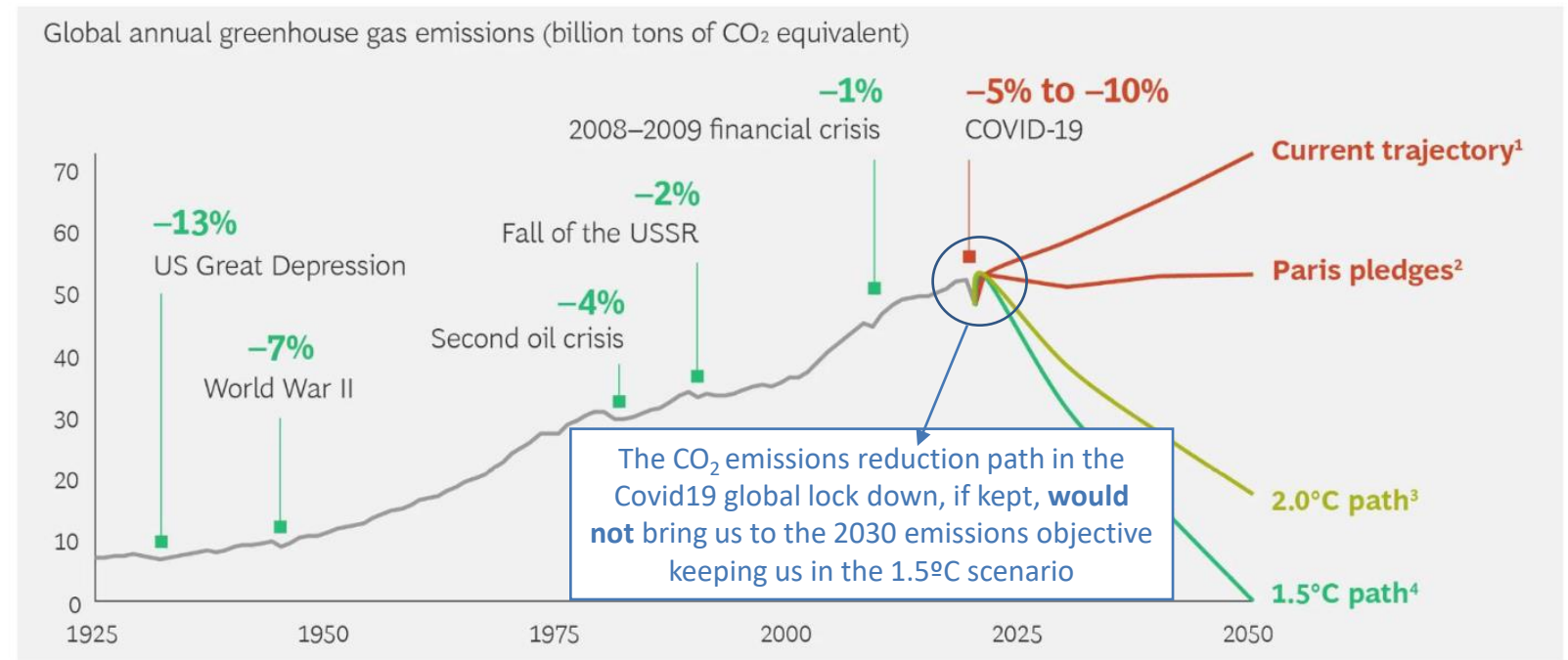
Annual average temperature evolution
compared with 1850-1900 average



Source: Prof Ed Hawkins (University of Reading)

<https://bit.ly/3hku2LB>

In 8-10 years at these emissions trajectory we
exhaust of the carbon Budget to be within 1.5 °C



Source: Boston Consulting Group (2020)

<https://on.bcg.com/31Vw9A1>

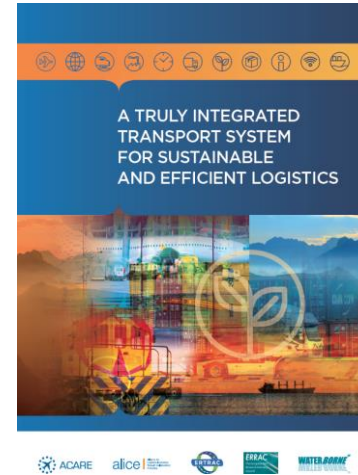


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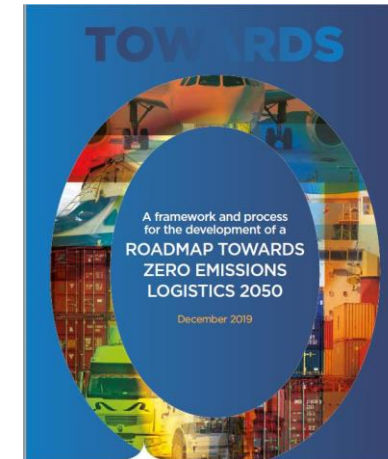
It is time for action but....

There is a huge gap:

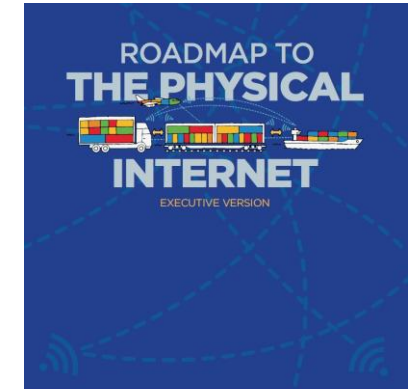
- What needs to be done to decarbonize
- What is possible and feasible from technologies
- Economic viability for end users: transportation and shippers



2016



2019



2020



Transforming European freight transport and logistics R&I ecosystem to perform optimally and enhance impact generated from R&I investment for contributing to sustainability and competitiveness



BOOSTLOG

BOOSTing impact generation from research and innovation on integrated freight transport and LOGistics system

Sustainability, decarbonization and circularity

1. Enabling **Circular Economy** – Coordinating Material and Logistic Flows
2. What's in it for freight and logistics in the **towards zero emission road transport** (2Zero) co-programmed Partnership?
3. Practical **use cases for zero emission heavy duty** (40tn+) road transport' battery or fuel cell electric (H2)
4. Where are we in the roadmap on **zero emissions trucks availability**?
5. **Measuring GHG Emissions** from freight

Urban logistics

6. CULT in Antwerp – how **consolidation and collaboration** can reduce urban deliveries traveling time by 25% and emissions by 90%?
7. **Implementation of joint guide towards zero emission urban logistics 2030**: next steps
8. **Urban Logistics & Circular Economy**: how to engage with consumers?

Transportation, logistics nodes and networks

9. **Logistics nodes** cloud report in practice
10. **Hyperloop** as enabler for seamlessly connected networks?
11. EU Ukraine Solidarity Lanes
12. Freight and logistics in **Europe's Rail partnership**
13. Ports, freight and logistics in the **Waterborne Partnership**
14. **Inland waterways** transport supporting logistics decarbonization
15. Logistics **collaboration and coordination** cloud report in practice

Systems, technologies and data sharing for interconnected logistics

16. **AI** in logistics: technology and applications
17. Will the **EU digitalization and data strategy** and related initiatives succeed and is the market doing its job?
18. **5G** in logistics: technology and applications
19. Can **blockchain** make the difference in logistics data-sharing processes?
20. **Digital Twin** for logistics - experience and challenges

From research to innovation uptake: priorities and strategies

21. What gives you sleepless nights when you think about **future logistics**?
22. From projects to real impacts: how to advance **uptake of R&I project results**?
23. **Going beyond TRL** to move from R&I results to market scale innovations
24. How to **engage with stakeholders** who are not familiar with the EU projects?

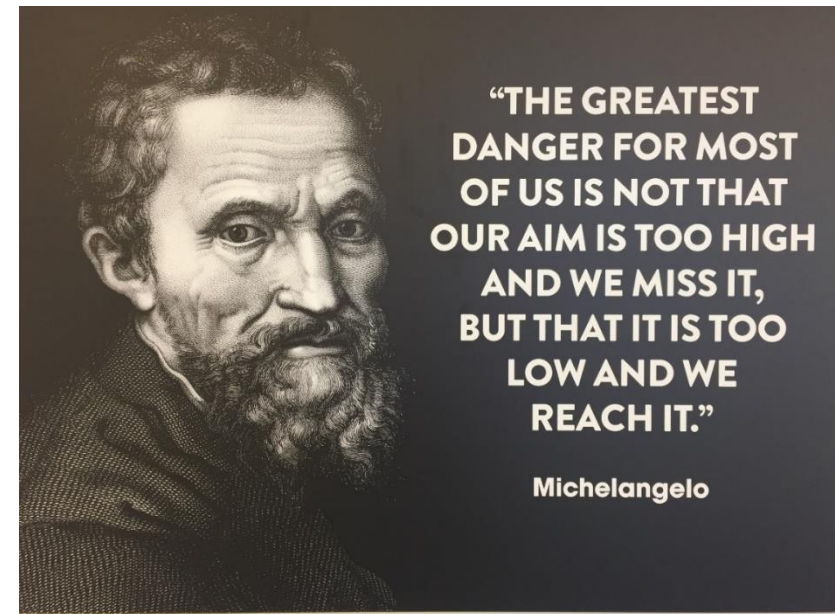


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alice

Alliance for
Logistics Innovation
through Collaboration
in Europe

Thank you!



The Best Way To Predict The Future Is To Create It!

Source: President Abraham Lincoln



If you want to go fast, go alone If you want to go far, go together

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