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Funded by the European Union,  
the Russian Federation and  
the Republic of Finland.

# Race4Scale

Development of the multidisciplinary educational, business and RDI opportunities for the Finnish-Russian automotive and motorsport industry ecosystem

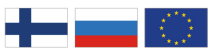
Jarmo Kujanpää, Xamk

24.11.2022



South-Eastern Finland  
University of Applied Sciences



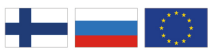


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The project included  
6 work packages  
(WP) under which  
there were 17  
different Tasks

- Project implementation period 1.5.2020 - 31.12.2022.
- Since 1.1.2022 Taitaja and Ksao => merged into Eduko.
- Since March 2022 The Russian partners did not have the opportunity to participate in the project anymore.
- The approved budget of the project was 0.87 million €, the estimated realization will be 0.49 million €.
- Covid-19 lockdown from the beginning of the project until summer 2022 and the sanctions caused by the war in Ukraine from March 2022. Travel expenses and purchase services did not materialize.
- The entire project was implemented as a remote project. For example, the Finnish and Russian project partners never met each other, and it was not possible to move students or staff between the partners.
- However, all the WPs were completed, although the implementation methods had to be changed from the project plan. The project plan was approved before the Covid-19 pandemic was known. [Activity planner, up-dated 15.11.2022.xlsx](#)



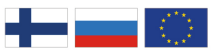
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WP1 Future  
profession workshop  
in Finland and  
Russia (x2)

WP1 Research of the  
current and  
development needs  
in automotive and  
motorsport industry

- Xamk – South-Eastern Finland University of Applied Sciences  
[Race4scale - Development of automotive and motorsport ecosystems](#)
- LETI - Saint Petersburg Electrotechnical University
- [WP1 Research LETI](#)
- Union "Autoprom North-West"
- [WP1 Research Autoprom](#)
- "Kudrovo" Education Centre
- Global Education Services, Taitaja, see Xamk's study above.
- Kouvola Region Vocational College, Ksao



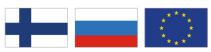
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WP2 Benchmarking  
of the automotive  
and motorsport  
ecosystem in the  
European context

WP2 Benchmark  
study in the EU  
context

- XAMK benchmark trip to Barcelona 4/2022. Education in motorsport and in automotive industry.
- Taitaja (Eduko) benchmark trip to Sweden 7/2022. Motorsport, rally.
- Both travel reports are in Promas.
- Both studies are in Race4Scale web-pages. [Xamk's and Eduko's WP2 studies](#)



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WP3 Finnish and  
Russian teacher  
week (x 2+2)

WP3 Industry day in  
Finland and Russia  
(x 2)

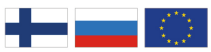
- Both the Russians and the Finns each organized two Teacher Week days (2 x 1+1 days) where each other's best teaching practices were presented.
- The Russian Industry Day in 2021 were remote events and involved automotive companies.
- The Finnish Industry Day in 10/2022. Visits in Finland: [Kempower](#), [Pilkington](#) Car glass, [Valmet](#) Automotive. [WP3 Travel report](#)



## WP4 Automotive innovation camps

Five separate camps, in Finland and Russia.

- Autoprom, 5/2021: Disruptive technologies and weak signals.  
[WP4 Autoprom Camp report](#)
- LETI, 2/2022, Smart technical solutions, (Winter School).
- Xamk, 5/2022: Auto-Logistics (2 x Futures Lab).
- [FutLab\\_Final\\_Seminar\\_presis.pptx](#)
- Taitaja, 4/2022: Motorsport (case Kymiring, together with Xamk students).
- Ksao, 4/2022: Innovative business day.



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WP5 Planning and piloting the joint cross-border multidisciplinary curricula in the automotive and motorsport industry

WP5 Conference for sustaining the results of the project

- Cross-border curricula was based on two Xamk's Futures Labs and LETI's Winter School (WP4 Innovation Camps).
- The students were from Xamk and LETI and did group work.
- [WP5 - Cross-border curriculum](#)
- [Race4Scale - Final Seminar 24.11.2022 - M. Nemilentsev.pptx](#)



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## WP6 Promotion and visibility actions.

- The external visibility actions of the project were based on the project pages created by each project partner.
- In particular, the comprehensive project pages of Xamk and LETI must be taken into account, where all the WPs made in the project are presented.
- Xamk's website in English and Finnish, LETI's website in English and Russian.
- These comprehensive project website has also been made for the Managing Authority and for a possible later audit, for reporting purposes.
- Since the project was realized entirely as a remote project, for example the seminars, it was not appropriate to make printed brochure material.
- <https://www.xamk.fi/en/research-and-development/race4scale-development-of-automotive-and-motorsport-ecosystems/>