

Rune Elvik, Wim Wijnen, Petr Pokorny,
Sanne van Gils, Christian Howard, David Bützer

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Welcome to the VIRTUAL Webinar!

Cost-benefit analysis tool for innovative automotive safety systems

The event will start in a few minutes

Event: VIRTUAL webinar
Location: On-line
Date: 27/05/2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 768960.



People

- 1. Presentation:
 - Rune Elvik, TØI
 - Wim Wijnen, W2Economics
 - David Bützer, AXA
- 2. Question selection: Petr Pokorny, TØI
- 3. Technical support: Sanne van Gils , SWOV
- 4. Meeting notes: Christian Howard, VTI
- 5. Moderation: David Bützer, AXA

Outline

- Presentation:
 - VIRTUAL project overview by David Bützer, AXA
 - Introduction to CBA for automotive systems by Rune Elvik, TØI
 - VIRTUAL CBA-tool by Wim Wijnen, W2Economics
- Open discussion:
 - Feedback and questions from the audience
 - **Our aim is to improve the CBA tool**

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VIRTUAL: Open Access Virtual Testing Protocols for Enhanced Road User Safety

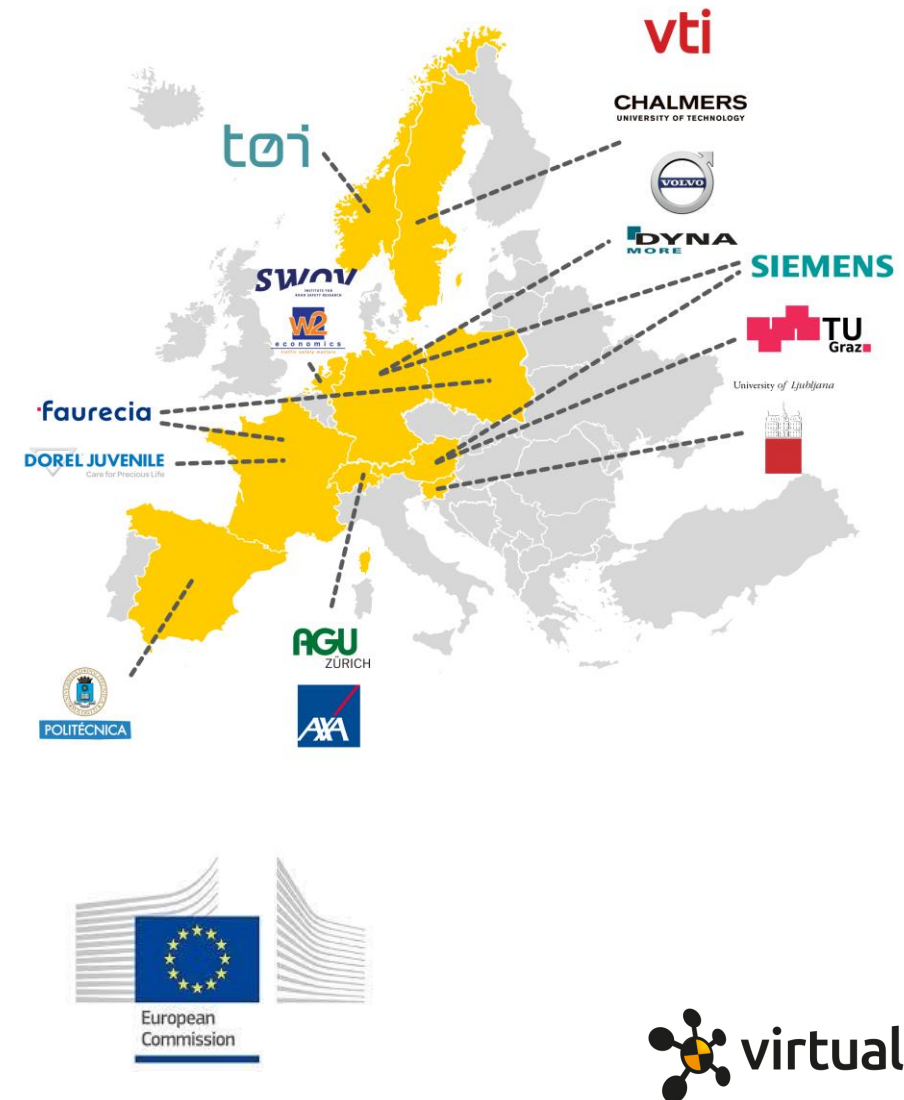
- Duration: June 2018 - May 2022
- Budget: Euros 7 Million
- www.projectvirtual.eu

Aims:

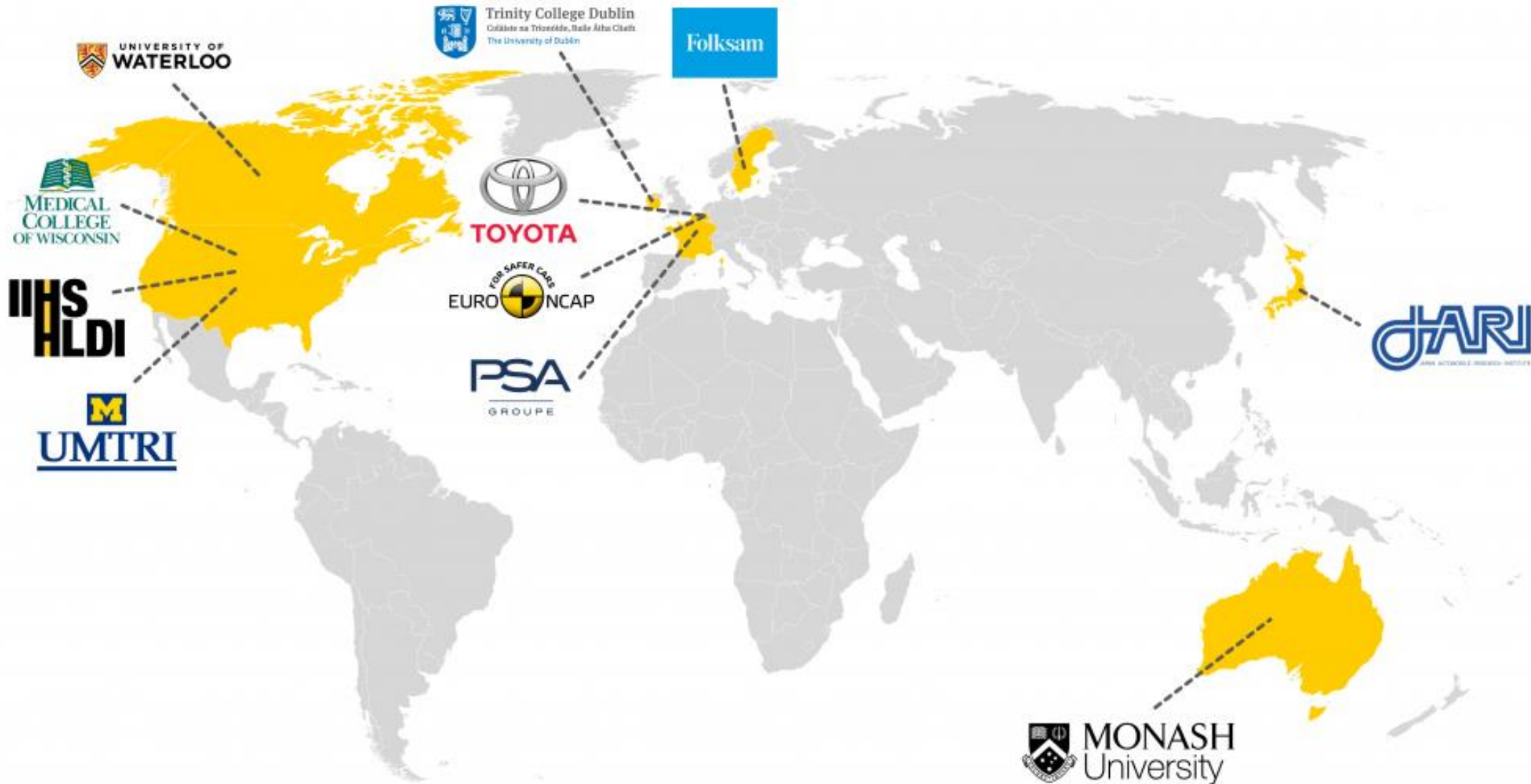
Reduce loss of life and health in road crashes for all road users.

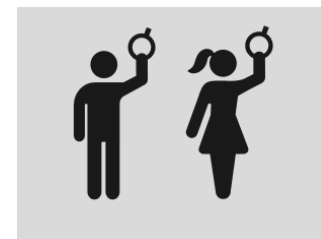
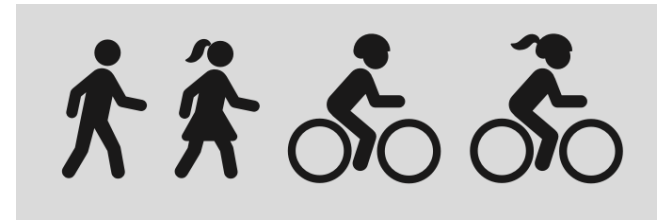
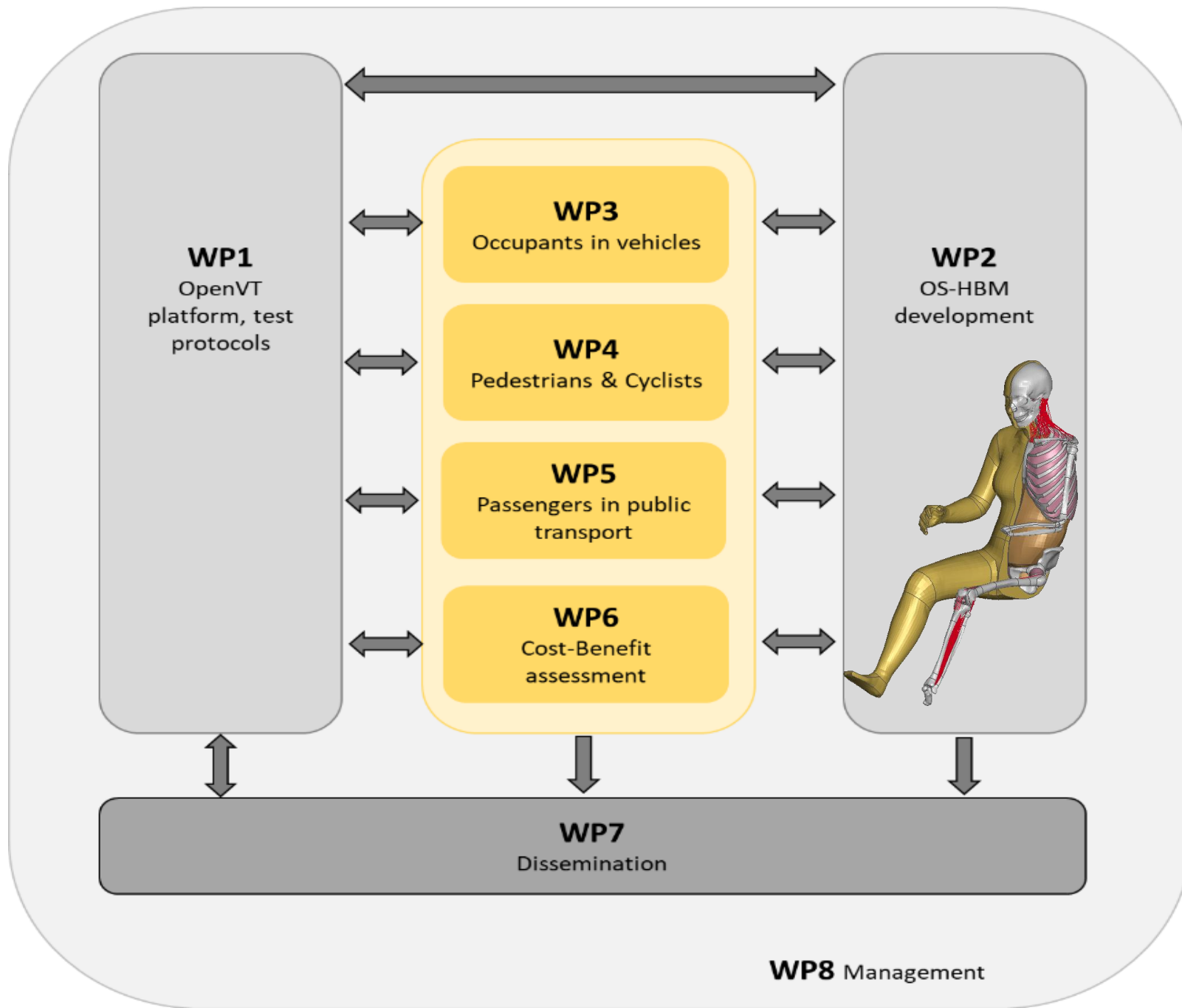
Share and foster knowledge: Open Source (OS).

Identify protective innovations: Virtual Testing, OS-HBM 50F and 50M.



International collaboration





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Why is cost-benefit useful?

Information about cost and benefits helps to:

- Get support for (more) investments in road safety and justify road safety investments from a socio-economic point of view
- Prioritize road safety investments, select most cost-effective measures
- Make clear who are the beneficiaries and who bear the costs

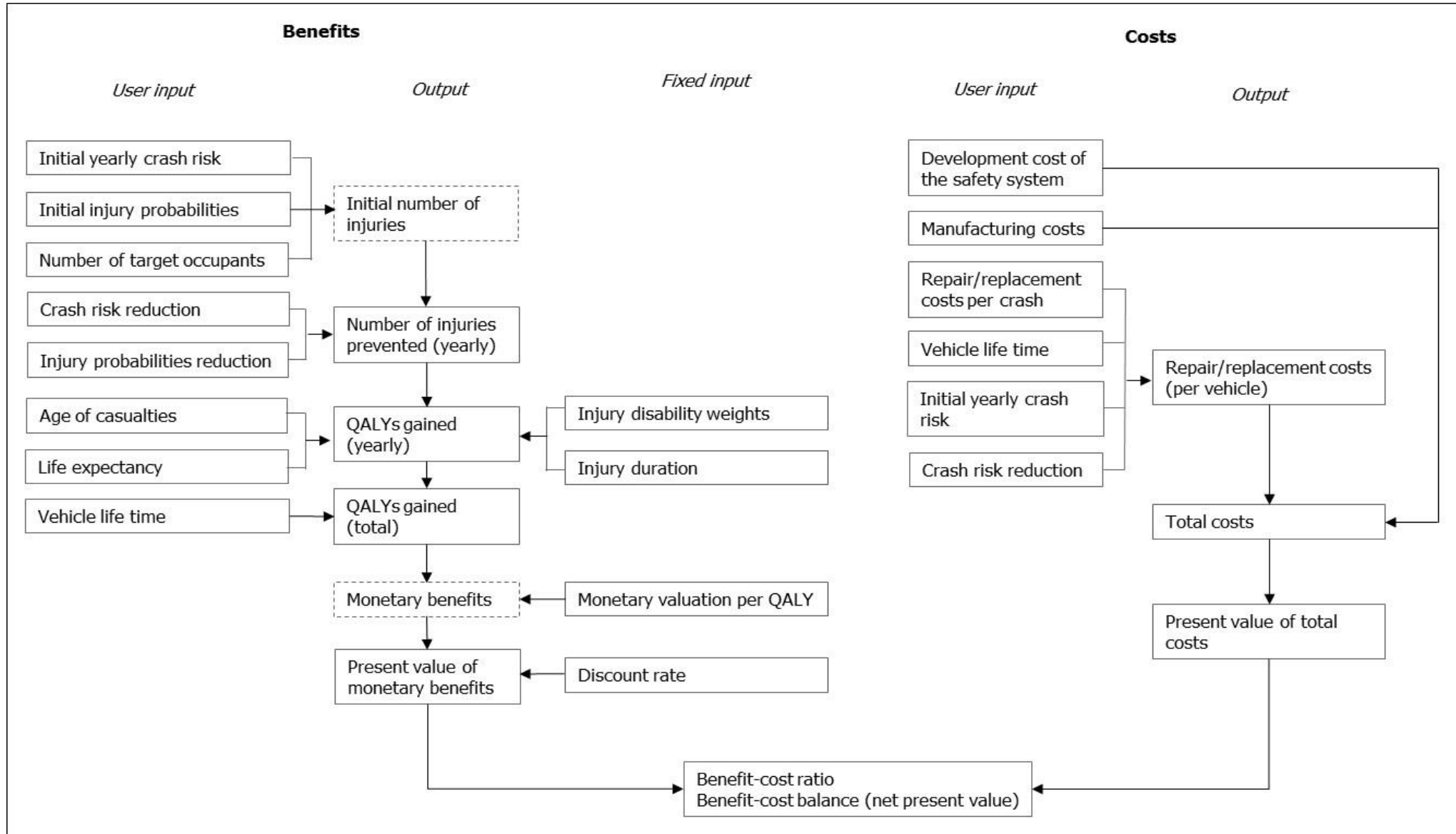
What is cost-benefit analysis?

- A systematic comparison of positive and negative impacts of an action or system
- All impacts are stated in monetary terms to make them comparable
- Costs = costs of implementing an action or change
- Benefits = all intended impacts
- In VIRTUAL, cost-benefit analysis is applied to new automotive safety systems
- The principal benefit is a reduction of injuries
- An Excel-based tool for cost-benefit analysis has been developed

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Structure of the tool



Gitlab server: https://virtual.openvt.eu

https://virtual.openvt.eu/users/sign_in



OpenVT Gitlab platform



This is the OpenVT platform, the platform for open access virtual testing protocols for enhanced road users safety.

Please, sign up for free on the right in order to get full access to the OpenVT platform.

You can browse the Public contents without registration: [Overview Public contents](#).

As a new user, please, check out our [manuals and guidelines section](#) and the [OpenVT wiki](#).

The OpenVT platform is part of project **VIRTUAL**. For more information, see [projectvirtual.eu](#).

Sign in

Register

Username or email

Password

Remember me

[Forgot your password?](#)

Sign in

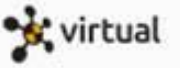


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Go to www.menti.com and use the code **5853 0959**

What would you use the CBA tool for in your organisation?



Go to www.menti.com and use the code 5853 0959

Which further developments of the tool are necessary to improve the tool for your application?



Contact:

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For more information:

www.projectvirtual.eu



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