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Enabling protection for older children

Fact Sheet

Project Information

EPOCH

Grant agreement ID: 218744

Project closed

Start date

1 January 2009

End date

31 December 2011

Funded under

Specific Programme "Cooperation": Transport
(including Aeronautics)

Total cost

€ 2 211 496,20

EU contribution

€ 1 400 000,00

Coordinated by

TRL LIMITED

 United Kingdom

This project is featured in...

RESEARCH*EU MAGAZINE

Results Supplement No.
032 - Robots and us:
advances in robotics,
from industry to society

Objective

Across most of Europe, children under 3 years must use an appropriate child restraint in any vehicle. If seat belts are fitted, the law now also requires children up to the age of 12 years or up to 150 cm in height to use an appropriate child restraint. Child restraints sold in the EU must conform to UNECE Regulation 44. To date, the regulations in this field have relied on the P series child dummies as restraint loading devices. The CREST and CHILD projects worked on the development of the “Q” series dummies. The NPACS programme specifies the use of the Q dummies and is unable to provide an assessment for children over the age of 6 years as there is currently no appropriate 10/12 year dummy. The Q series could be considered for Regulatory testing if the family included a 10/12 year old dummy. The EPOCH project aims to develop a prototype 10/12 year old dummy. The project will extend the NPACS testing and rating protocols to include child restraints for older children and will make proposals for the assessment of child restraints in ECE Regulation 44 if the Q series replace the P series in the future.

Fields of science (EuroSciVoc)

[social sciences](#) > [law](#)



Keywords

[child safety](#)

[consumer testing](#)

[dummy development](#)

[older children](#)

[regulations](#)

[testing tools](#)

Programme(s)

[FP7-TRANSPORT - Specific Programme "Cooperation": Transport \(including Aeronautics\)](#)

Topic(s)

[SST-2007-4.1-01 - Safety and security by design](#)

Call for proposal

FP7-SST-2007-RTD-1
[See other projects for this call](#)

Funding Scheme

[CP-FP - Small or medium-scale focused research project](#)

Coordinator



TRL LIMITED

EU contribution

€ 654 520,00

Total cost

No data

Address

CROWTHORNE HOUSE NINE MILE RIDE

RG40 3GA Wokingham

 **United Kingdom** 

Region

South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Berkshire

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (5)



FIRST TECHNOLOGY SAFETY SYSTEMS (EUROPE) 

 Netherlands

EU contribution

No data

Address

Kleveringweg 6-8
2600JA DELFT 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



IDIADA AUTOMOTIVE TECHNOLOGY SA

 Spain

EU contribution

€ 239 670,00

Address

L ALBORNAR
43710 Santa Oliva 

Region

Este > Cataluña > Tarragona

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSITY OF SURREY

 United Kingdom

EU contribution

€ 106 500,00

Address

Stag Hill
GU2 7XH Guildford 

Region

South East (England) > Surrey, East and West Sussex > West Surrey

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



Dorel Netherlands (a trade name of Maxi Miliaan B.V.)

 Netherlands

EU contribution

€ 96 066,00

Address

Korendijk 5
5704 RD Helmond 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



HUMANETICS EUROPE GMBH

 Germany

EU contribution

€ 303 244,00

Address

IM BREITSPIEL 6

69126 Heidelberg 

Region

Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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European Union, 2025