Sight on the effectiveness of injury prevention interventions

Hidde Toet – Consumer Safety Institute

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EMIP database

Database > Effective Measures in Injury Prevention (EMIP)

Objectives of EMIP

- To find, describe, store and provide access to information on 'what works or is believed to work in injury prevention'
- To formulate and disseminate information in evidence statements for specific interventions to prevent injuries
- To encourage evidence based practice in injury prevention



General design of EMIP

The EMIP database includes:

- Evidence statements
- Background document(s) with each evidence statement
- Reference(s) to literature or information source(s)



Target group of EMIP

Those who need info about effective preventive measures:

- Researchers
- Public health professionals
- Policy makers



EMIP topics

- Child safety
- Safety for seniors
- Vulnerable road users
- Sport safety



Sources for EMIP

Existing information

- Existing (systematic) reviews in literature
- Websites including evidence statements and/or overviews of systematic reviews

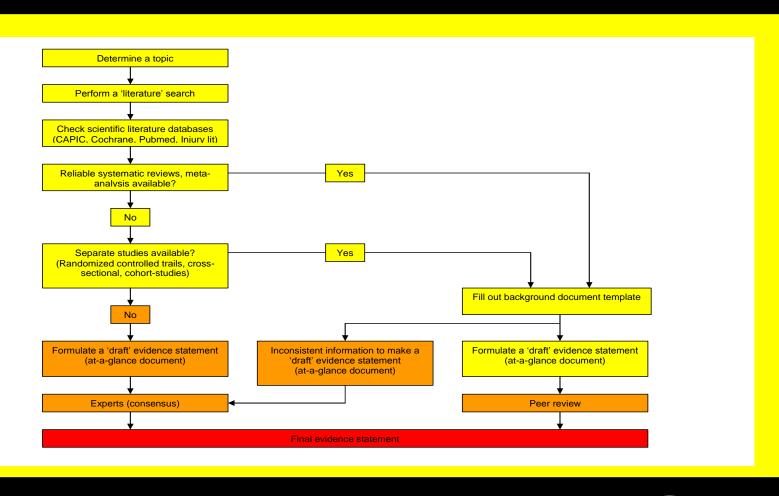
'New' information

- New literature research conducted especially for EMIP
- Expert consensus



Flow chart of EMIP filling process

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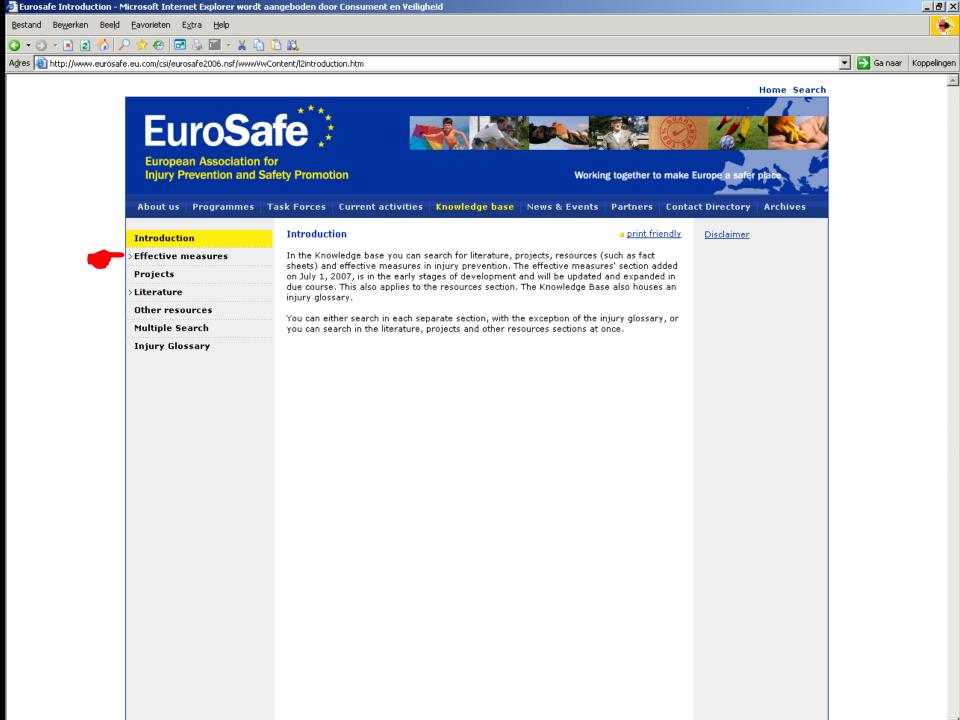


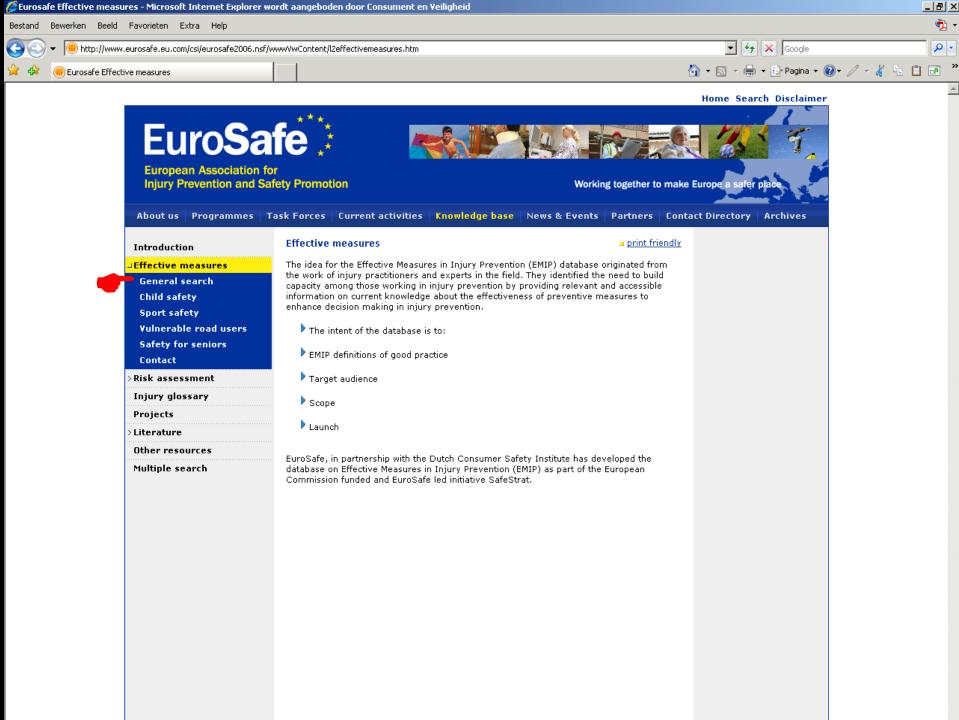
Range of conclusions on effectiveness

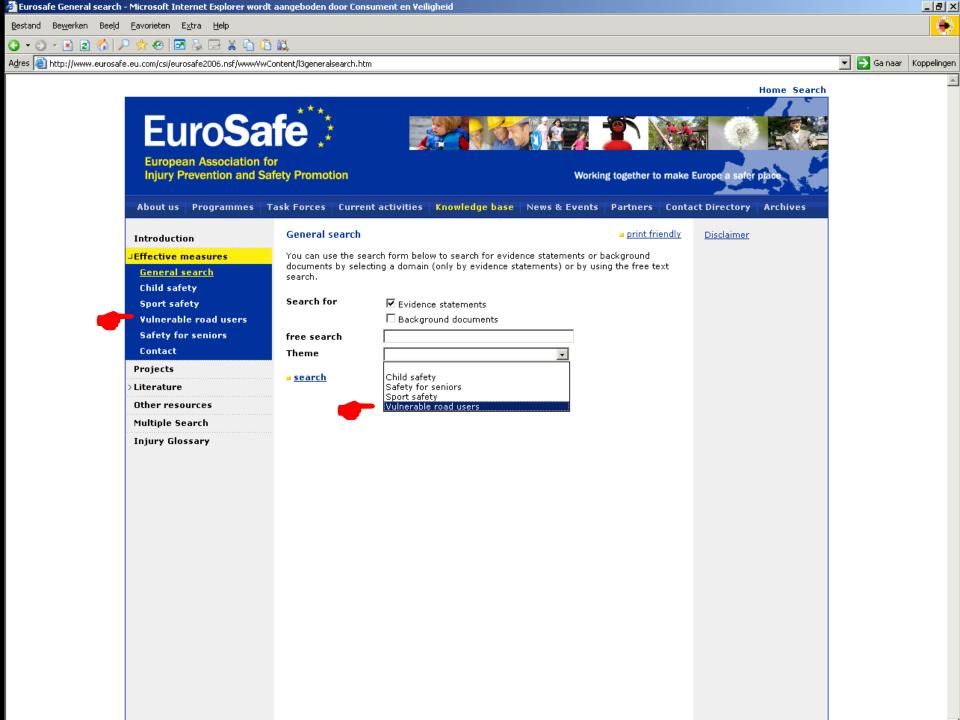
- Convincing evidence for effectiveness
- Strong indications for effectiveness
- Indications for effectiveness
- No indications for effectiveness
- Evidence shows that measure is not effective
- Conflicting evidence found to make an evidence statement
- No/inconclusive evidence found to make an evidence statement

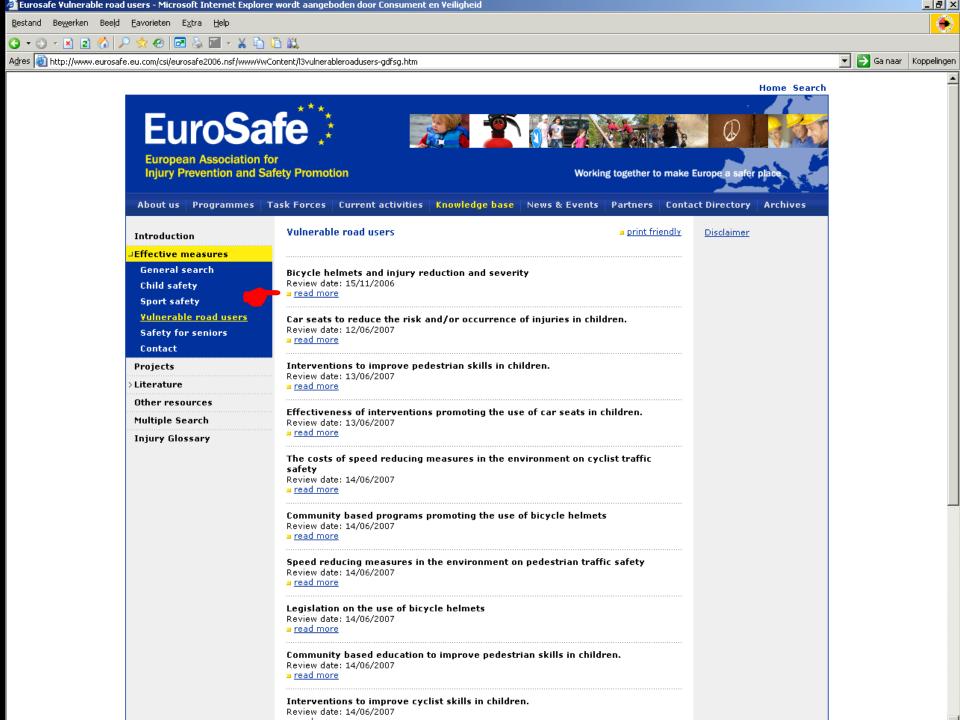
http://www.eurosafe.eu.com/effectiveness

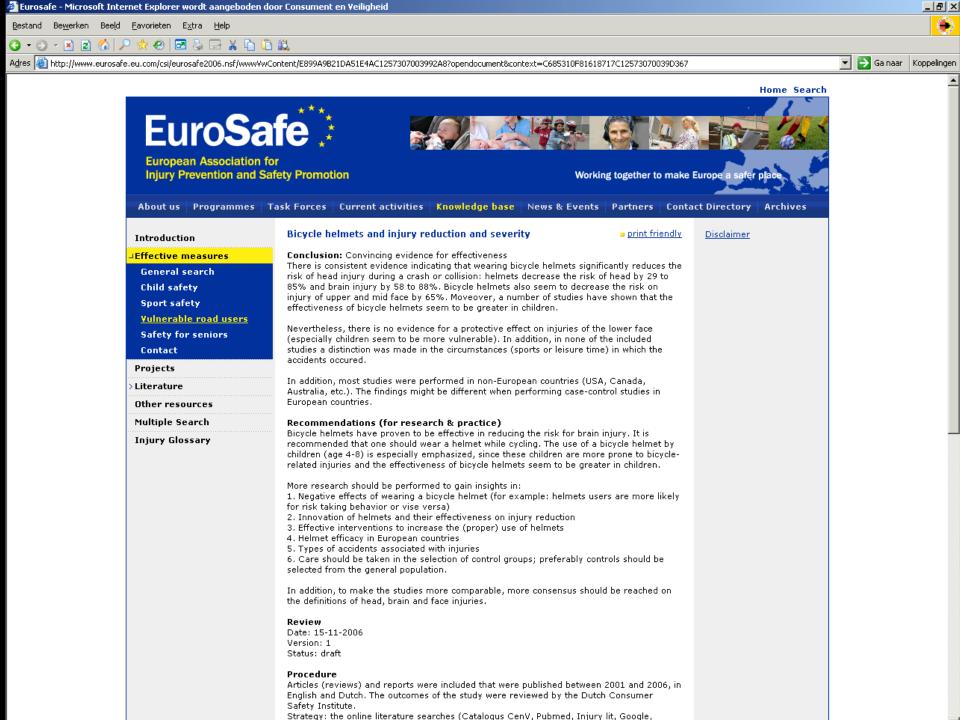


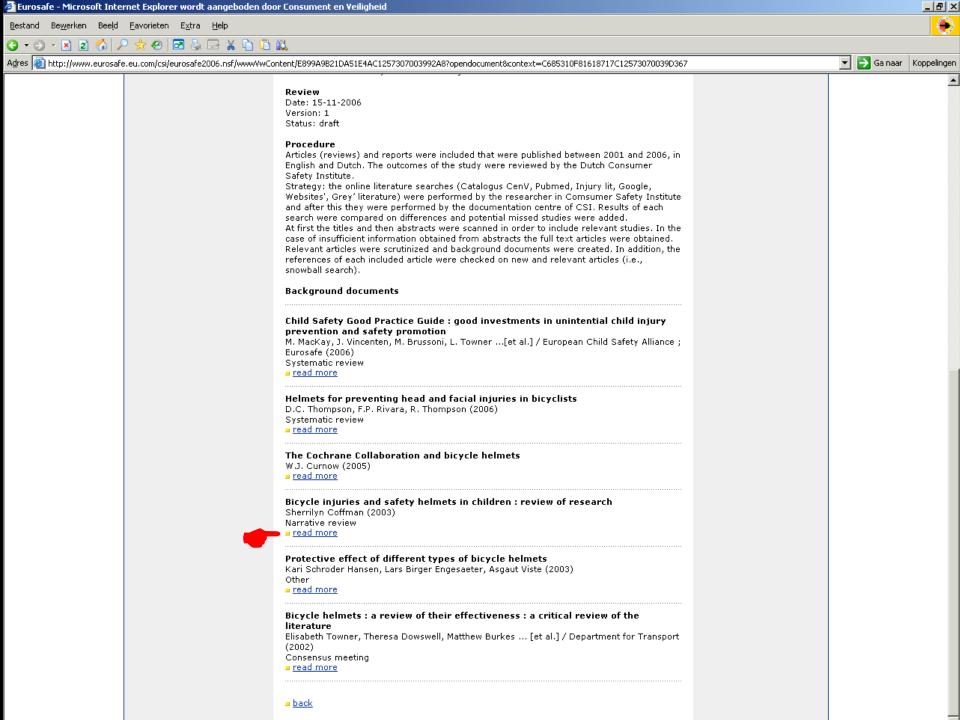


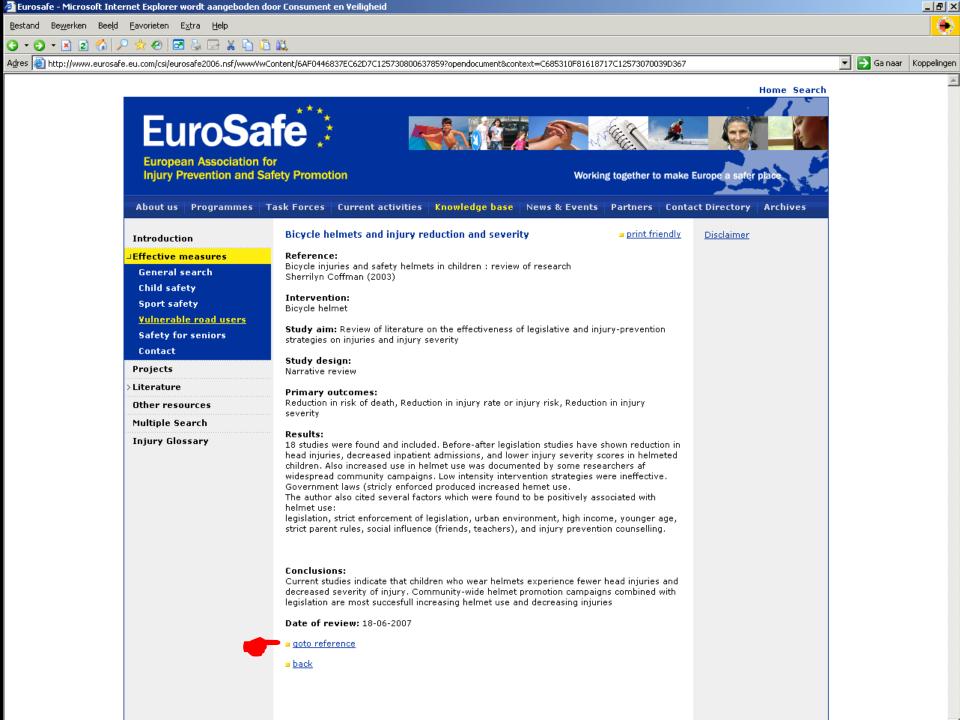


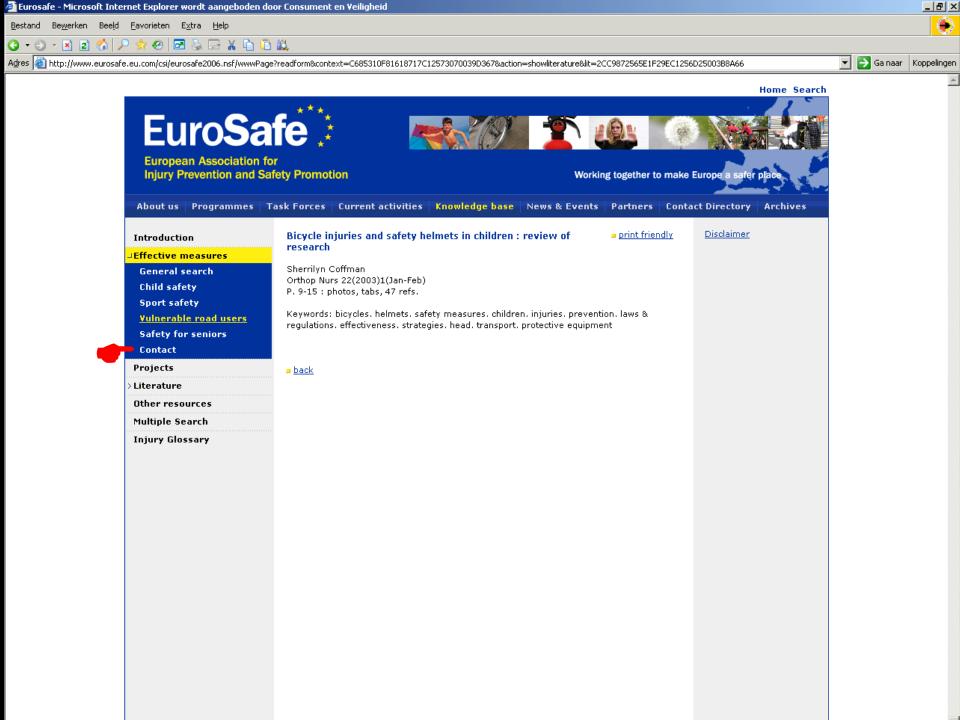


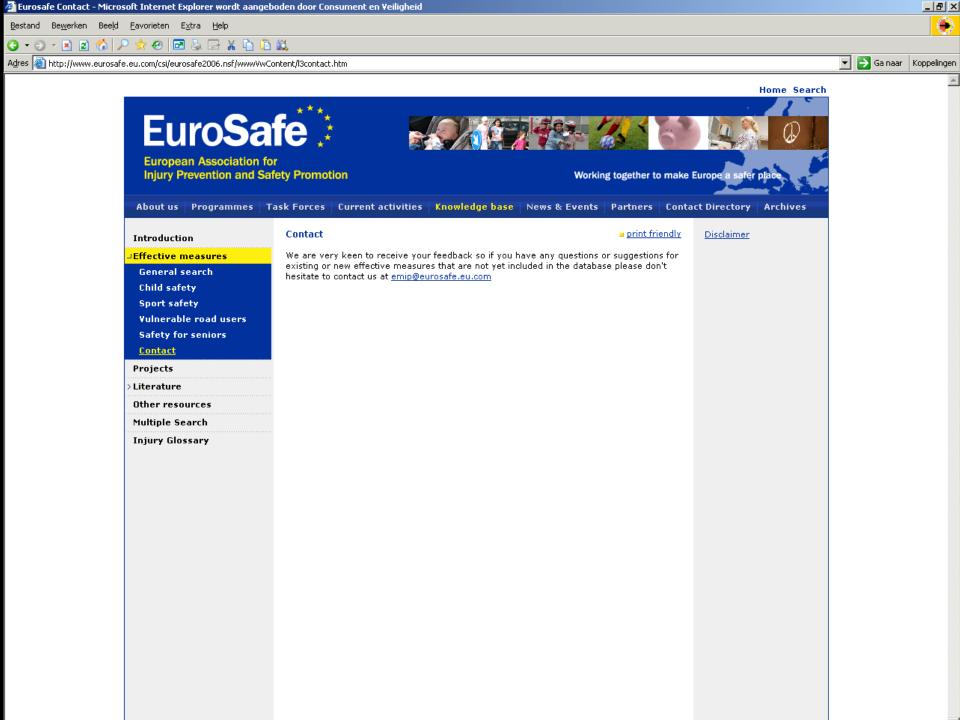












Examples of interventions and effectiveness in EMIP

Examples of interventions and effectiveness in EMIP:

- Convincing evidence effectiveness: Interventions promoting the use of bicycle helmets
- Strong indications for effectiveness: Home and environmental intervention and the reduction of falls in high risk elderly
- Indications for effectiveness: Warm-up and stretching prior to exercise to reduce the risk and/or occurrence of muscle/tendonrelated sports injuries (education)
- No indications for effectiveness: Hip protectors to reduce hip fractures



Way forward with EMIP

- Improving information in existing evidence statements
- Adding new evidence statements
- Try to link with other available sources
- Inform us on new available evidence!

Consumer Safety Institute, The Netherlands mail: emip@eurosafe.eu.com tel.+31 20 5114555



Sterk in het voorkomen van ernstige ongevallen



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