

STAIRS

Standardisation of Accident and Injury Registration Systems

Partners: Vehicle Safety Research Centre and Transport Research laboratory-UK.
Institut National de Recherche and CETE du Sud-Ouest -France.
Bundesanstalt für Strassenwesen and the Medical University Hannover -Germany.

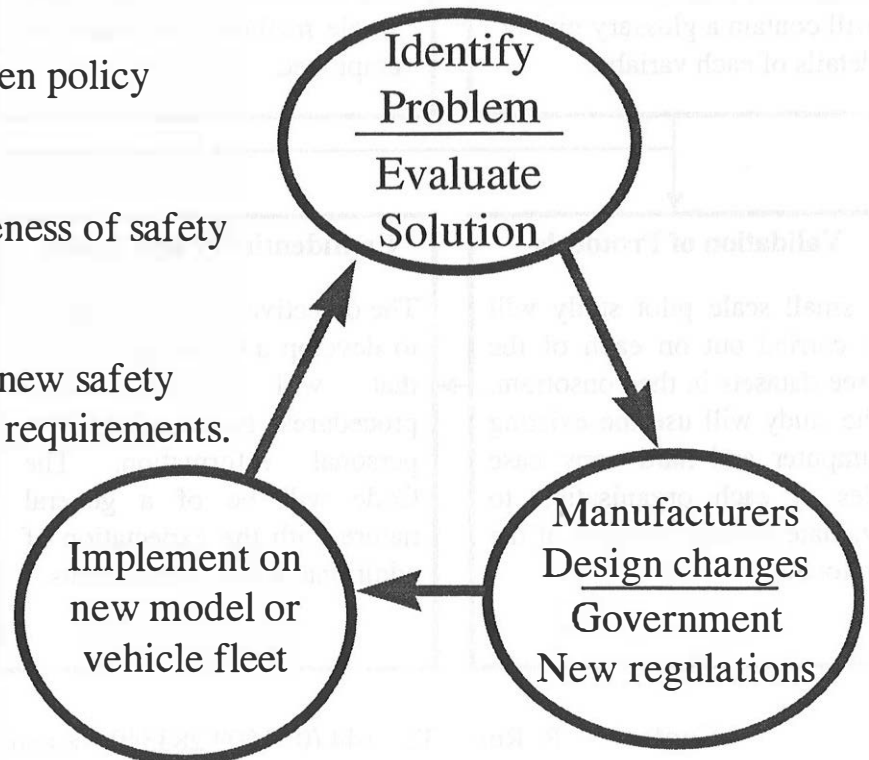
Project Objectives: To develop a harmonised procedure for the in-depth investigation of crashes for the purpose of improved vehicle crashworthiness and safety regulations.

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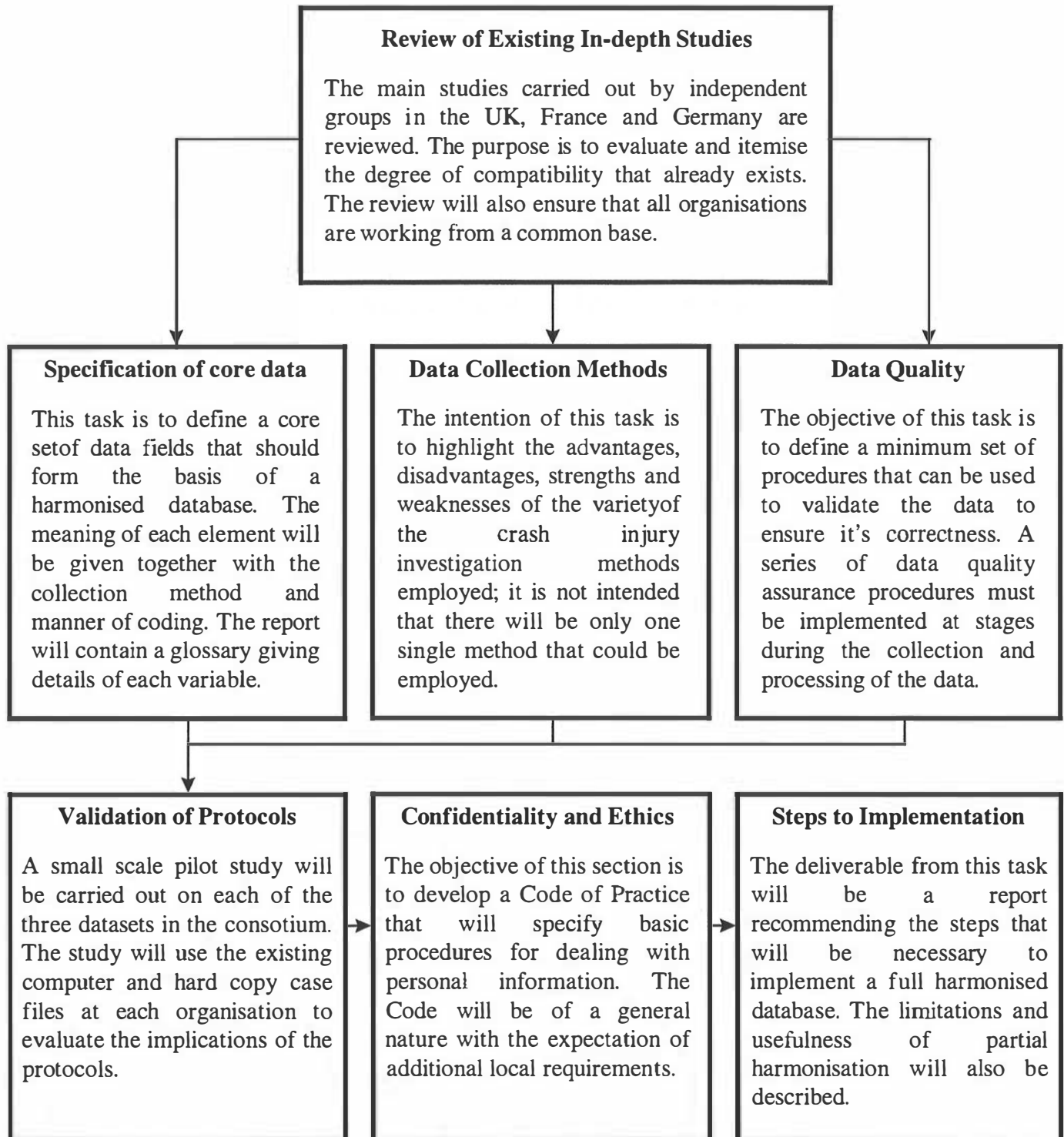
STAIRS is a project funded by the European Commission under the fourth framework research programme.

Role of Crash Injury Data

- To support research driven policy making.
- To evaluate the effectiveness of safety designs and regulations.
- To identify the need for new safety systems or performance requirements.
- To identify areas requiring more detailed research.



Work Package 1

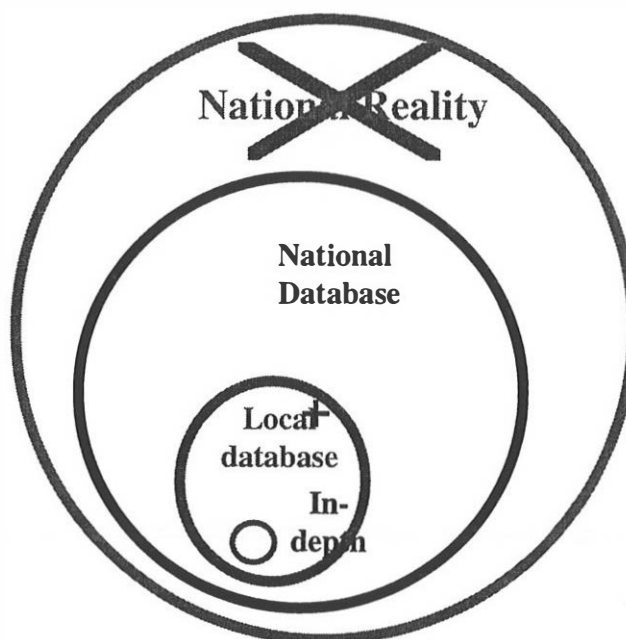


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Work Package 2

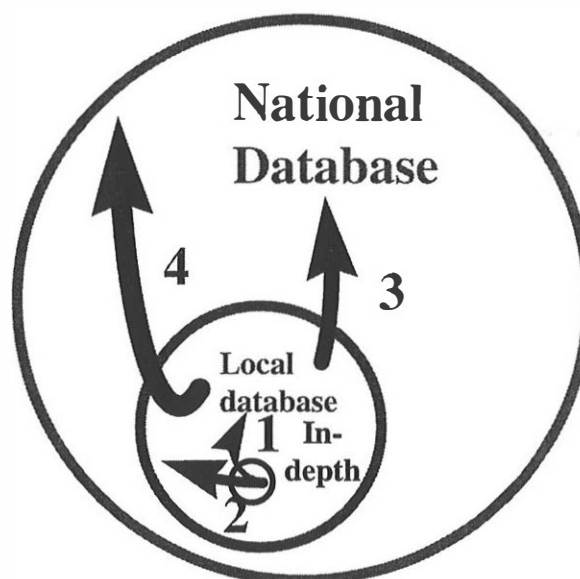
Problems

- Local databases are biased samples of National Database.
- National Database is a biased sample of National Reality.
- Limit of STAIRS :
reference \Rightarrow National Database.



General case

- 1-Adjust bias between in-depth survey and local database.
- 2-Inference from in-depth survey to local database.
- 3-Adjust bias between local database and national database.
- 4-Inference from local to national database.



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