

# Safe Future Inland Transport Systems (SafeFITS)

*Nenad Nikolic, Regional Advisor  
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# SafeFITS

- SafeFITS aims to facilitate knowledge based transport policy decision making related to road casualty reduction
- Model primary objective is to assist governments and decision makers, both in developed and developing countries, to decide on the most appropriate road safety policies and measures in order to achieve tangible results in improving road safety.
- Decade of Action or Road Safety 2011-2020
- SDGs achievement:
  - Target 3.6
  - Target 11.2



# SafeFITS Phases

I

- Literature Review

II

- Model Framework and Data Base

III

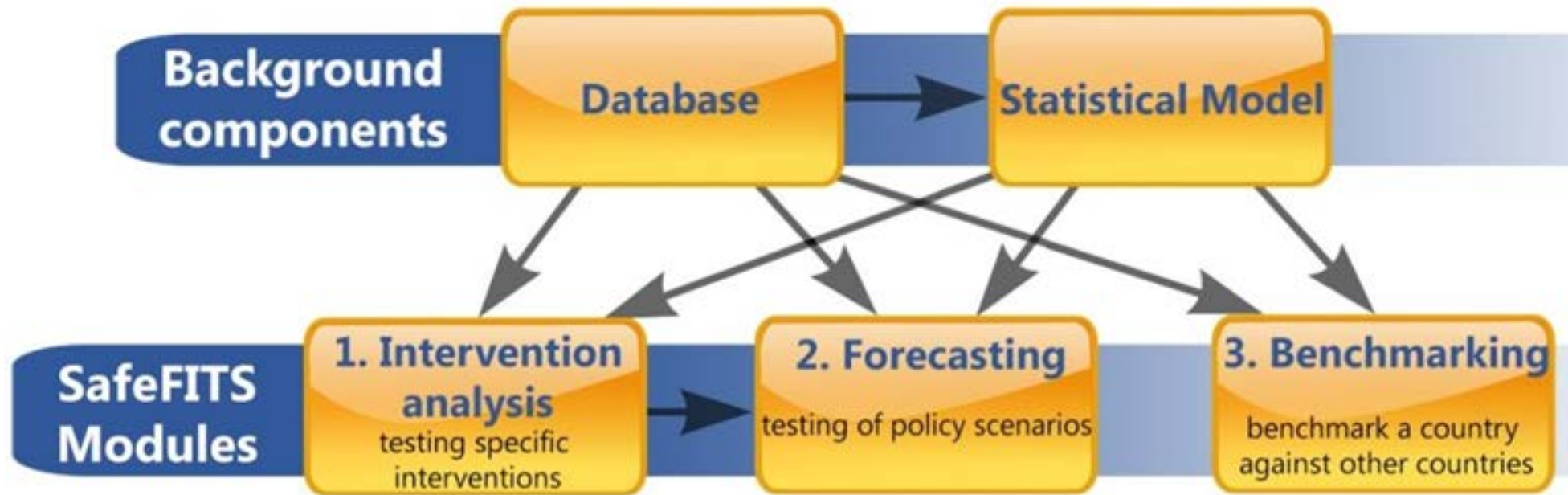
- Draft Model and user interface

IV

- Peer Review and Pilot Test



# SafeFITS Components and Modules



# SafeFITS Development Challenges

- The relationships between indicators and road safety outcomes are complex and not deterministic (limited use of national causalities)
- Existing knowledge on causalities is incomplete: very few results are available for several key indicators (mostly from developed countries)
- There is lack of data on several indicators and road safety outcomes at global level (data from developing countries are often incomplete)



# SafeFITS Data Base

- **Five layers**
  - **Economy and Management (12 indicators)**
  - **Transport Demand and Exposure (13 indicators)**
  - **Road Safety Measures (29 indicators)**
  - **Road Safety Performance Indicators (9 indicators)**
  - **Fatalities and Injuries (9 indicators)**
- **Road safety indicators from 129 countries worldwide**
- **Source for statistical model**



# SafeFITS Model

- **Log fatality rate per population for 2010**
- **Log GDP per capita for 2013**
- **Composite indicators**
  - **Comp\_EM: economy and management, including 6 related indicators.**
  - **Comp\_TE: transport demand and exposure including 7 related indicators.**
  - **Comp\_ME: measures, including 21 related indicators.**
  - **Comp\_PI: safety performance indicators including 9 related indicators.**



# SafeFITS Next Steps

- **4<sup>th</sup> SafeFITS Steering Committee – draft SafeFITS model**
- **Draft model Peer Review**
- **Preparation of user interface**
- **Round Table on road safety modelling and SafeFITS**
- **Pilot testing and synergy with Road Safety Performance Reviews (9<sup>th</sup> Tranche UNDA) Project**
- **Review and update on a regular basis in line with latest road safety research and better global road safety data availability**







SAFE, CLEAN, SECURE AND EFFICIENT  
MOBILITY FOR PEOPLE AND FREIGHT

- Inclusive International Legal Architecture
- Effective Public Administration
- International Cooperation
- Innovative Financing
- New Technologies
- Social Responsibility

enablers

objectives

- Seamless B / C
- Facilitated international transport
- Reduced GHG emissions
- Reduced air / noise pollution
- Increased P.T. Mobility Choices
- Zero traffic fatalities and injuries
- Efficient transport services
- Enjoyable walking and cycling

The future  
Inland Transport  
WE WANT!

Nenad Nikolic, Regional Advisor  
UNECE Sustainable Transport  
Division  
[nenad.nikolic@unece.org](mailto:nenad.nikolic@unece.org)

