

Challenges and Solutions, and Indicators output



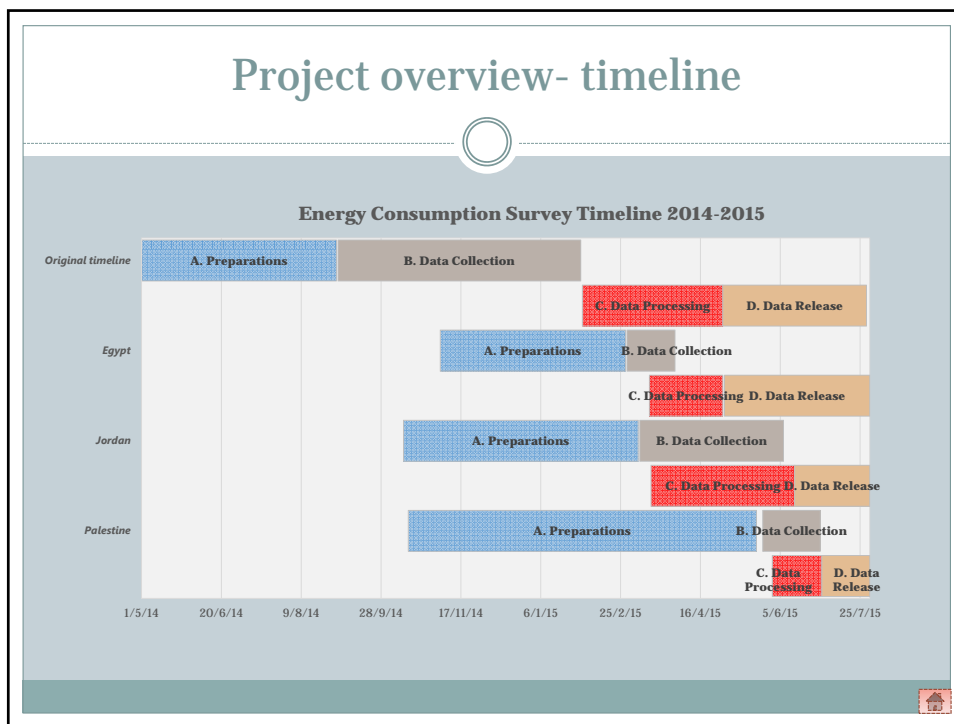
FINAL MEETING ON ENERGY CONSUMPTION
IN THE TRANSPORT SECTOR SURVEY AND
RESULTS LAUNCHING
23-24 JULY 2015, BEIRUT, LEBANON

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Outline



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Challenges and solutions- Common challenges

Limited timeframe for survey implementation

Pros

- Concise survey
- Cost effective

Cons

- Winter vs. summer consumption differences
- Unavailability of all required vehicles
- Shorten fieldwork phase due to long internal administrative procedure


- ✓ Selection of survey methodology representative of the original population
- ✓ Selection of sampling method that best serves the purpose of the survey
- ✓ Use typical weekly fuel consumption
- ✓ Use several locations to collect data: motor vehicle inspection centers, large parking, fuel stations
- ✓ Recruit large human resources to compensate for short timeframe


Challenges and solutions- Common challenges

Imprecision about amount and cost of monthly consumed fuel

- **Imprecise estimation on amount of fuel consumed monthly**

- Hard to remember for a previous year (2014)
- Hard to estimate the amount for one month

 Respondents provided a weekly amount of consumed fuel

 NSOs compared the amount and cost provided by respondents; when the difference was significant, cost of fuel was adopted to calculate amount of fuel consumed

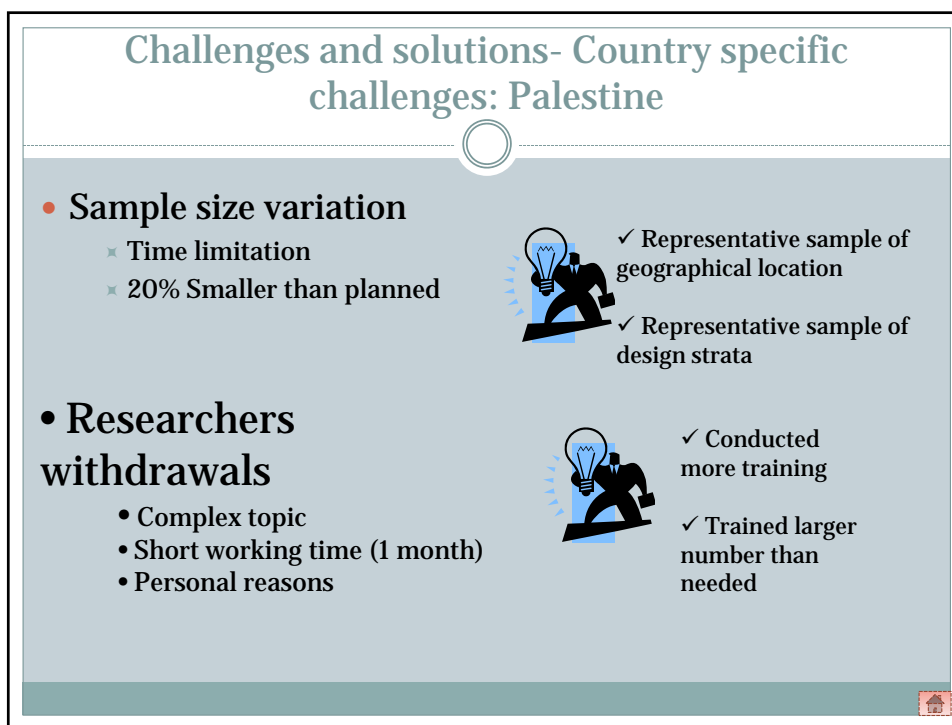
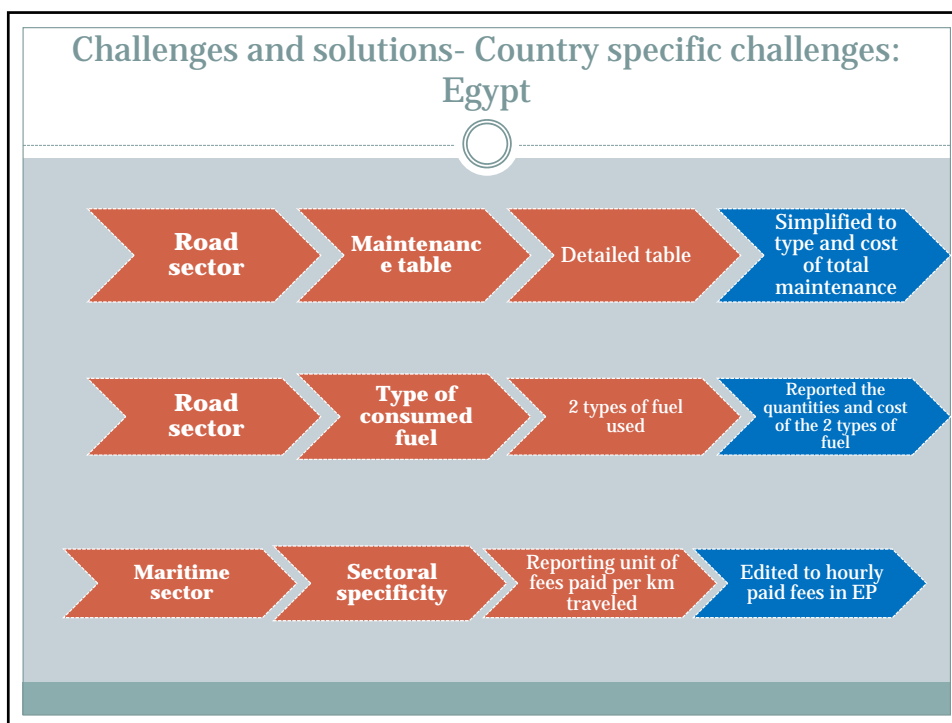
Challenges and solutions- Common challenges

Importance of training

- **Complexity of the topic- various types of fuel and various units of measurement**
- **Lack of in-depth knowledge by the researchers**

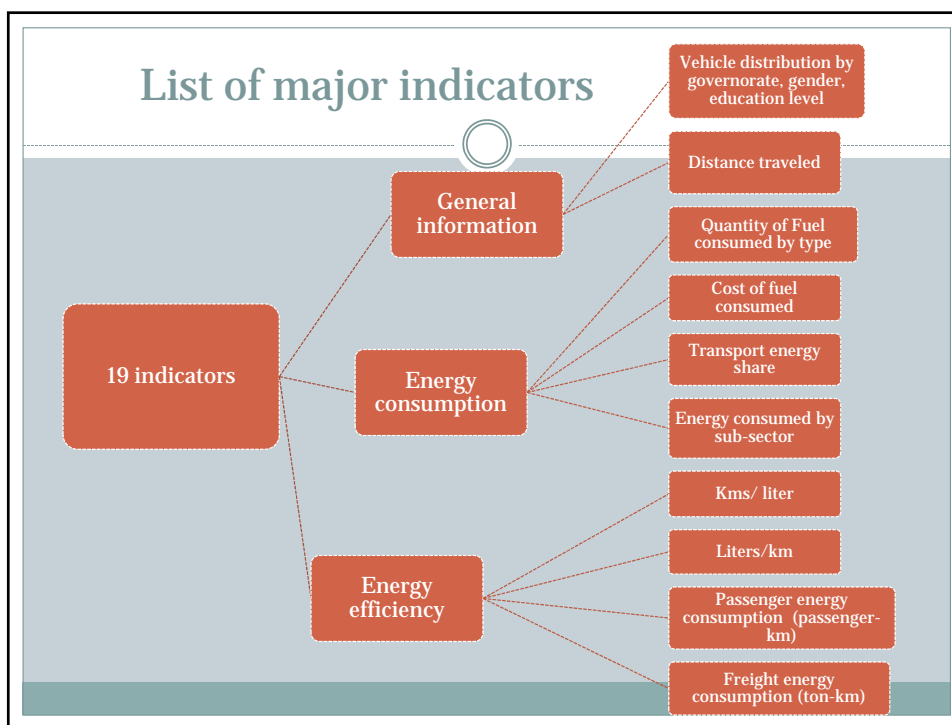


- ✓ Targeted training
- ✓ Intensive training needed
- ✓ Specialized personnel to conduct training

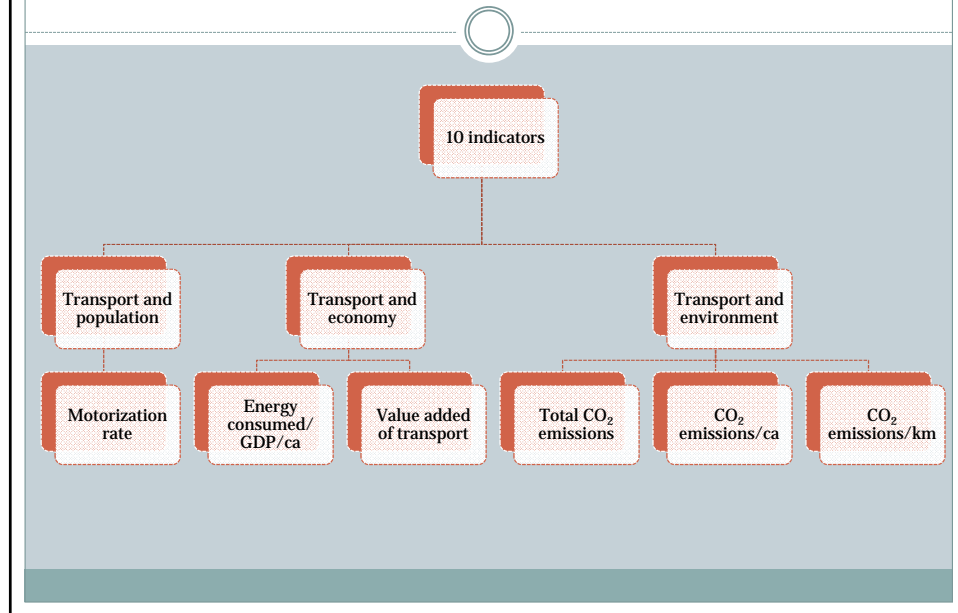


National Results

- Each country will publish national statistics including:
 - ✦ At least road sector statistics
 - ✦ Energy consumption statistics
 - ✦ Energy efficiency indicators
- Publishing includes an overall report on the survey implementation and results
- Make national data available for all

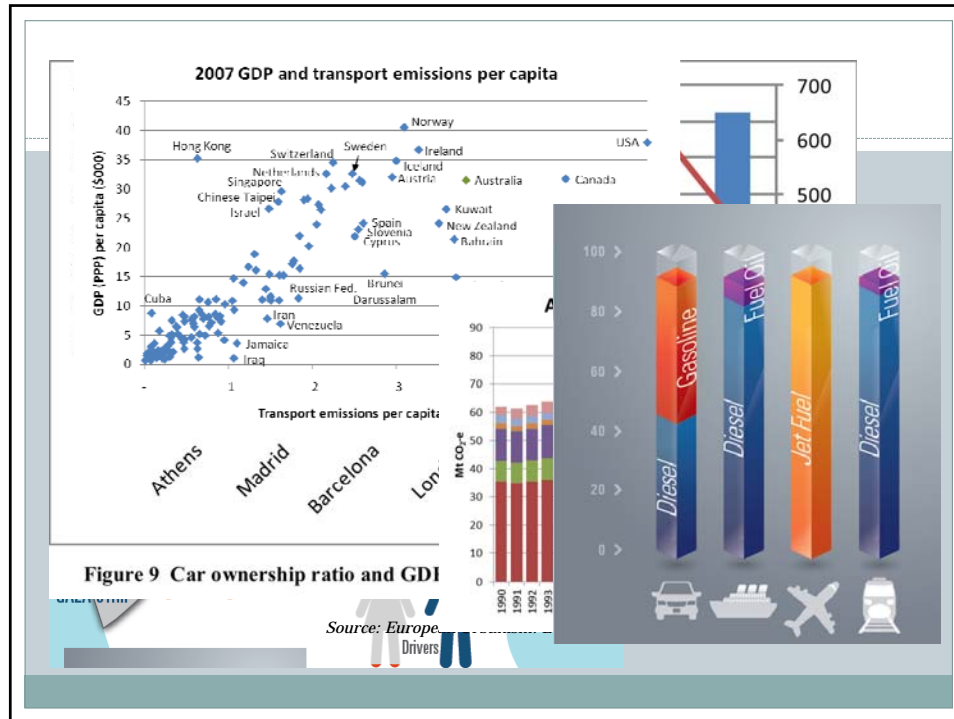


List of major indicators- *cont'd*



Data Dissemination

- Indicators can be presented in the following visual options:
 - Geographical representation of data
 - Charts and Graphs
 - Tables



Conclusion

- Benefit from lessons learned from the survey for future activities
- Indicators' results will be used to advise on evidence-based energy policies
- Raw statistics will only be used and published by the countries
- Indicators' results will be part of the final report of the project

