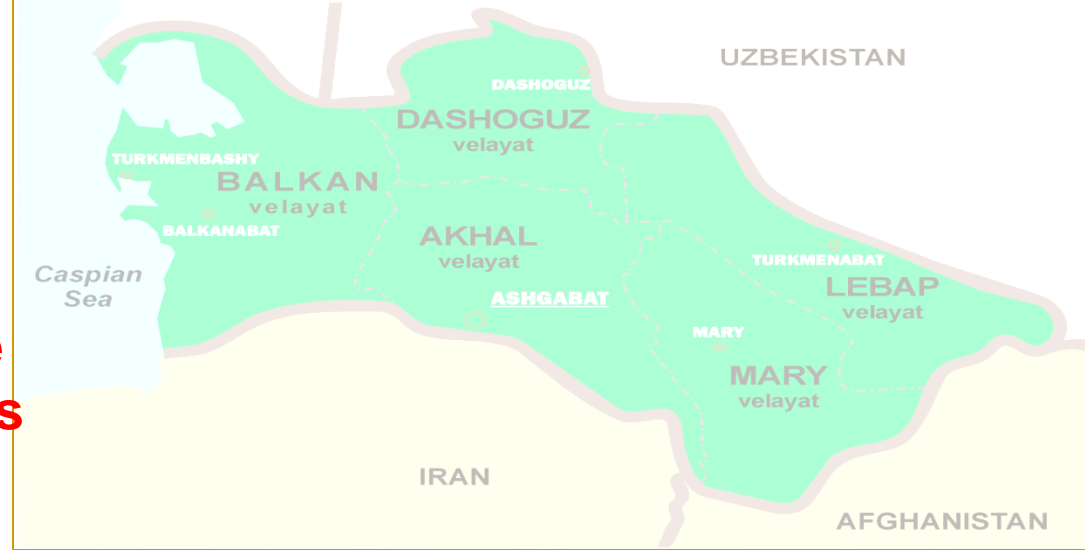


# Turkmenistan

**National R&D questionnaires  
and Methodological issues in  
practice: Experience exchange  
between national data collectors  
and survey respondents**



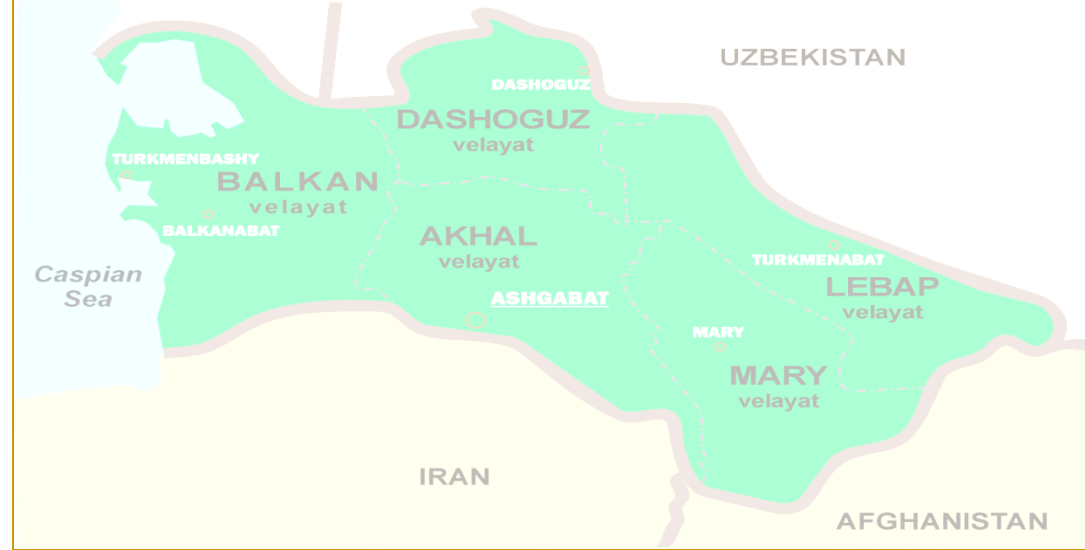
**Questionnaire includes 27 indicators:**

1. Human resources (1)
2. Capital resources by industries (quantity) (2-7, 26-27)
3. Expenditure on innovations, trainings, marketing (8-15)
4. Source of financing (16-23)
5. Realization (in manat) (24-25)

## **Key Problems:**

- proper understanding of the definition – “innovation”
- correct understanding of all indicators by respondents
- cross-sectional data

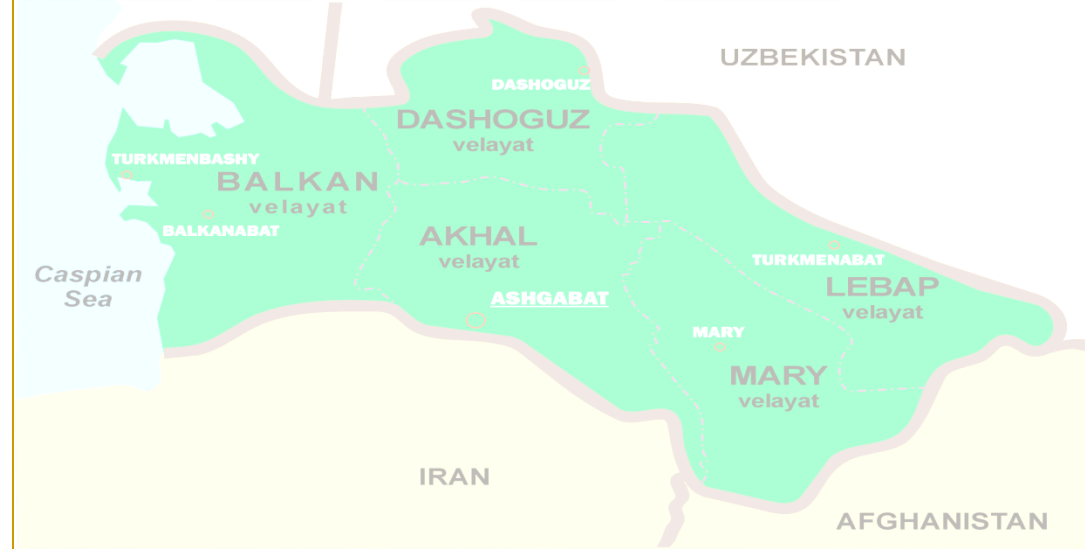
## Cooperation with international data institutions, trainings



Methodological approaches of innovation developed in line with the national program on statistics for 2010. Approved in July, 2010. It is based on: Proposed guidelines for collecting and interpreting innovation data. Oslo manual  
Preliminary projects:

- Information technologies (EuroStat, TACIS, 2000-2003);
- Assessment of access to information and communication technologies in Turkmenistan (UNDP, 2005-2006);
- Main priorities of information services' market development in Turkmenistan (UNDP, 2005-2006)

## Recent changes in the R&D statistics



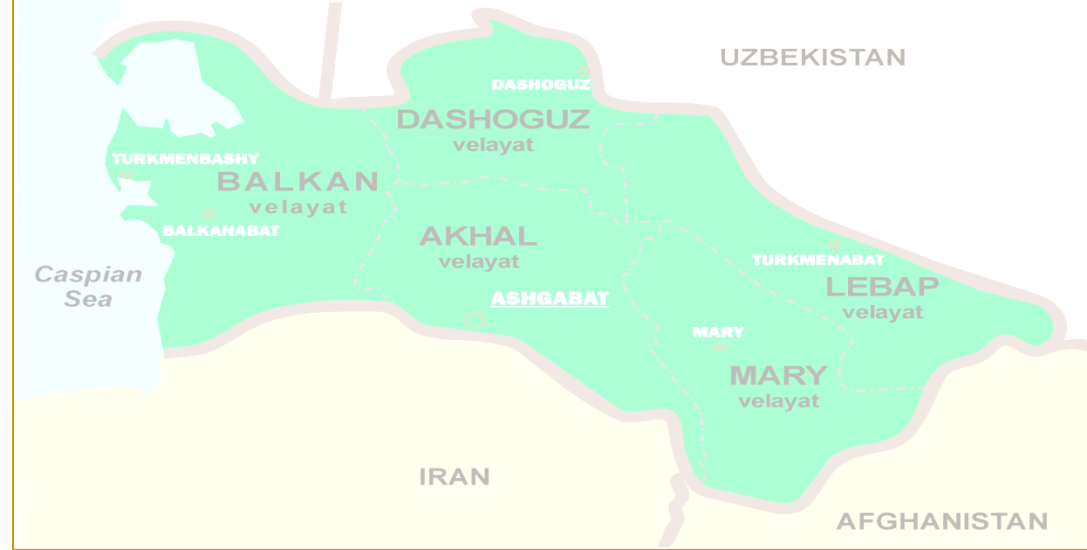
- Improved form of statistical year report is developed (2012);
- Further improving of indicators system (questionnaires) based on “State Program for economic, financial and banking systems in Turkmenistan for 2012-2016” and in accordance with international standards (will complete in 2013);
- In accordance with the Oslo manual new indicators on innovation product were included (2012)

## Contacts with survey respondents



- National state statistical committee is working through local (regional, city and sub regional) agencies;
- Department of Labor Workforce Agency;
- Direct and indirect contacts;
- Telecommunication /telephone means

<http://www.stat.gov.tm>



**Thank you for your  
attention!**