

**Question for written answer E-005639/2018
to the Commission**

Rule 130

Judith Sargentini (Verts/ALE)

Subject: Use of lie detectors (iBorderCtrl) at EU borders

The Commission is funding a project (iBorderCtrl) whose aim is to screen incoming travellers at EU borders by means of lie detector tests¹. Using artificial intelligence, the computer system involved assesses whether a person arriving at the border is lying and whether for example the person is an illegal migrant. So far, there is absolutely no scientific evidence that this is a practicable and reliable method. Moreover, no renowned lie detector expert has worked on the project².

1. On what scientific evidence is the Commission basing this pilot project, and what is its assessment of the scientific evidence from various studies showing that lie detectors are not accurate?
2. What is done to safeguard the fundamental rights of people who are questioned using this system, and what is done with the personal data (such as the answers to the questions)?
3. What is the situation with regard to individuals who apply for asylum at the border, and what rights and remedies are available to people who are wrongly turned away at the border because border guards are guided (entirely) by the outcome of the lie detector test?

¹ http://ec.europa.eu/research/infocentre/article_en.cfm?_sp=75a4f944-1983-4eee-971d-b03b2c5a02c7.1541419266526&artid=49726

² <https://www.volkskrant.nl/nieuws-achtergrond/eu-zet-omstreden-ai-leugendetector-in-bij-grenscontrole~b169bb03/>