



## **What novel technologies are available to support probation goals and electronic monitoring and how are they currently deployed**

Various technological solutions besides electronic monitoring are increasingly introduced within probation practice in order to increase efficiency and quality of probation services:

- IT infrastructure (hardware/software)
- Digitalisation of administrative procedures (paper-less administration)
- Comprehensive information systems (digital probation case management systems)
- Apps for probation clients and/or probation officers
- Open data
- Big data mining
- Artificial intelligence
- Virtual reality
- Communication technologies for communication with probation clients and for internal communication within agency
- Machine translation/interpretation

Within this context, new challenge arises how to ensure technological development, including mutual integration of various technological solutions, without losing sight of probation mission, goals – to promote social inclusion of clients.

Presentation should focus on:

1. potential of combining electronic monitoring with other technological solutions in order to improve efficiency of probation practice;
2. how to manage to go through this process without losing sight of probation mission, goals.