Name of Module: **I&E Legal & Societal Issues on-line course**	Credit Points (ECTS): **5**	Module-ID: a new course (for 5 ECTS) to be created for ICTLabs
Person Responsible for Module (Name, Mail address):**Local I&E coordinator**		
University**: UNS**	Department: **Computer Science, Sciences Faculty**	
The course intends to address an I&E topic covering legal and societal aspects of Data Science. It is organized as an online course, delivered at TU/e. UPM and UNS other entry points for this Data Science programme are committed to follow this course on line and offer additional coaching to the students attending the course.		

1. Prerequisites for Participation

- ▪ Completed I&E Basics courses, and Business Development Lab (BDL) first course (at least)

2. Intended Learning Outcomes

This course is scheduled in the second half of the second semester of the Year 1. The reason is that at this time of the year, students will have acquired most of the fundamental competencies of a Data Scientist, so we believe this is the right moment for them to **study** some **legal, societal, economic impacts** of this **Big Data** technology, not only its related business aspects related to the data intrinsic value.

3. Content

Data manipulation raises obvious privacy and security concerns. One aim of the course is to address how it is possible to impose big data systems to comply to local and international data protection laws that may apply when sharing, accessing, manipulating private data.

Not only privacy of data owners may be broken. But also, valorization that is extracted by the analysis of such data raises a question of value ownership.

More generally, the course content is about how a specific technology like Data Analytics, can impact the society and raise ethical concerns.

4. Teaching and Learning Methods

The course contains focused-lectures of academics and practitioners. It is TU/e responsibility to set up the course content. Local or remote students will follow the course altogether. In order to be prepared, the online course will be available in advance, at the beginning/middle of the second term. Students will be requested to work in advance on the provided material.

After each course session to which students will attend all together on the campus premise, a debriefing session orchestrated by the I&E mentor/coach will happen. The goal is to make sure that the course material has been understood.

5. Assessment and Grading Procedures

Assessment has still to be discussed and confirmed among the 3 involved universities

6. Workload calculation (contact hours, homework, exam preparation,..)

Credit points 5 ECTS

Workload to be defined, depending on assessment procedure

7. Frequency and dates

Second part of semester 2

8. Max. Number of Participants

No limit

9. Enrolment Procedure

Through the ICT Labs programme enrollment

10. Recommended Reading, Course Material

It is still to be defined by TU/e, the course holder.

11. Other Information (e.g. home page of module)

The course material will be available in advance in TU/e MOOC or ICT Labs Sakai on-line learning platform available here: https://update.eitictlabs.eu