



# Deliverable D1.7 (D7) – Report 5th Quarterly Management and Progress Report

Grant Agreement number: **692335**  
Project acronym: **ELEvaTE**  
Project title: **Achievement of Excellence in Electron Processes for  
Future Technologies**  
Call: **H2020-TWINN-2015**  
Type of action: **CSA**  
Project start: **1<sup>st</sup> of January 2016 (duration 36 months)**



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



## Deliverable D1.7 (D7) – 5th Quarterly Management and Progress Report

**Reference period:** from January 2017 to March 2017

**Report delivery date:** 31.3.2017

Work packages	Lead beneficiary
WP 1 – Project management WP 6 - Sustainability	Comenius University (CU)
WP 3 - Developing academic industry cooperations WP 4 – Research structures and support	Universitaet Innsbruck (UIBK)
WP 2 - Achieving scientific excellence WP 5 – Dissemination of results and impact	The Open University (OU)

### 1. Project progress and significant achievements during the reporting period

5<sup>th</sup> reporting period was mostly about hands-on experience. ELEVATE team has organized an international workshop during 21<sup>st</sup> Symposium on Application of Plasma Processes with topic in Electron Induced Processes Relevant for Plasma Applications (<http://neon.dpp.fmph.uniba.sk/sapp/>).

Symposium presented an opportunity to present and advertise project ELEVATE.

General Assembly meeting has been organized during this symposium as well.

2 on-site training have been organized during the monitored period and are still in progress at Open University premises for 2 of the senior scientists from the EPPL team.

#### *WP 1 – Project management (M1 – M36)*

- **Task 1.1 – Project coordination, including budgetary controls**

Task is currently running.



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



Project managers have organized 3<sup>rd</sup> General Assembly Meeting during the 21<sup>st</sup> Symposium on Application of Plasma Processes on 16<sup>th</sup> of January 2017.

Main points of the meeting were:

- summarization of the ELEVATE project development in year 2016,
- overview of deliverables delivered in year 2016,
- discussing organization of the Summer School in May in Bratislava and upcoming workshop,
- discussing new joint project opportunities within Horizon 2020 programme, especially ERA Chair Call.

Project team is preparing for the first Mid-term reporting period of the ELEVATE project, which will end on 31<sup>st</sup> of March 2017. Following this date, team will have 60 days to submit periodic report and financial statements.

- **Task 1.2 – Support for Project Management**

Task is currently running.

Beneficiaries are responsible for their own budgets as stated in agreements.

Short term on-site trainings in 5<sup>th</sup> quarter period are financed through the CU's budget, since these are trainings of CU's senior scientists. Both trainings are still in progress, details will be summarized in the next project report.

- **Task 1.3 – KPI for WIDENING**

Task has been completed in month 2.(1<sup>st</sup> quarterly report)

## ***WP 2 - Achieving scientific excellence (M1 - M36)***

- **Task 2.1 Staff Exchanges led by OU**

Task is ongoing.

Training from 20<sup>th</sup> of March until 14<sup>th</sup> of April 2017 is oriented at theoretical modelling of electrons with molecules and clusters using the R-Matrix method in cooperation with Dr. Jimena Gorfinkiel.

Training from 26<sup>th</sup> of March until 14<sup>th</sup> of April 2017 is aimed at experimental measurements of dissociative electron attachment processes using the momentum imaging spectrometer. Based on the training the EPPL plans to build a novel type of experiment at the CU to study dissociative



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



electron attachment. It will significantly advance the EPPL excellence as it will be one of a few laboratories in the world using this novel experimental technique.

- **Task 2.2 ELEVATE workshops led by OU**

Task is ongoing.

- **Task 2.3. ELEVATE Summer School led by CU**

Task is ongoing. Summer School has been scheduled for May 2017.

- **Task 2.4 Virtual Training led by OU**

Task is under development.

### *WP 3 - Developing academic industry co-operations (M1 – M36)*

- **Task 3.1 led by UIBK – Preparation of a Strategic plan for Technology transfer from EPPL/FMPI CU.**

Task is ongoing.

- **Task 3.2 led by UIBK – Organization of a workshop on the Intellectual Property Rights (IPR) policy and rules.**

Task has been completed in month 9. (3<sup>rd</sup> and 4<sup>th</sup> quarterly reports).

- **Task 3.3 led by UIBK – Seminars on start-up companies.**

Task is under development.

- **Task 3.4 led by UIBK – Development of methodology for technology transfer process at EPPL and FMPI CU**

Task is ongoing.

Deliverable D3.2 D33 – Progress report on preparing Strategic plan for Technology transfer from EPPL/FMPI CU is being further developed.



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



## *WP 4 - Research structures and support (M1 - M36)*

- **Task 4.1 Preparation of ELEvATE strategic plan led by UIBK**

Task has been completed in month 3. (1<sup>st</sup> quarterly report). Deliverable D4.1.

- **Task 4.2 Short term on-site visits and collaborations targeted at research support and infrastructure led by CU**

Task is ongoing.

ELEVATE project team together with LEIBNIZ-INSTITUT FUR PLASMAFORSCHUNG UND TECHNOLOGIE EV have applied for Horizon 2020 call Teaming Phase 1 (H2020-WIDESPREAD-2016-2017; proposal n. 763758; acronym – SCEINCePLASMA), which has passed the threshold but was not funded.

- **Task 4.3 Workshops coordinated by CU**

Deliverable D4.5 – Report on 1st WP4 Workshop (M9) has been submitted in month 9.

Task is under further development.

## *WP 5 - Dissemination of results and impact (M1 - M36)*

- **T5.1 Strategy planning led by OU**

Task has been completed in month 3.(1<sup>st</sup> quarterly report). Deliverable D5.1.

- **T5.2 Web site development led by CU**

Task has been finished in month 6. (2<sup>nd</sup> quarterly report). Deliverable D5.2 [www.elevate-h2020.eu](http://www.elevate-h2020.eu) – Web site. CU is providing the admin support for the whole website continuously. Team members are uploading or changing information through the CU admin whenever needed.

- **T5.3 Media communication led by OU**

Task is currently running.

Continuous work with Social Media.



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



- **T5.4 Workshops and conferences led by CU**

Task is currently running.

An international workshop has been organized during 21<sup>st</sup> Symposium on Application of Plasma Processes with topic in Electron Induced Processes Relevant for Plasma Applications (<http://neon.dpp.fmph.uniba.sk/sapp/>).

Workshop was aimed at electron induced processes. There were 7 lectures presented by members of the consortium showing their latest results of the state of the art research in the fields of electron-cluster collisions, electron-molecule collisions, optical emission spectroscopy and theoretical modelling - [Deliverable D5.8 D53 Workshop SAPP conference](#).

Deliverable D5.7 – 1st ELEVATE workshop (3<sup>rd</sup> quarterly period).

- **T5.5 Peer Review publications led by OU**

Task is currently running.

OU has delivered deliverable D5.12 – Peer review publication database in 2nd quarterly period.

## *WP 6 - Sustainability (M1 – M36)*

- **Task 6.1 Sharing experience and best practice amongst partners led by CU.**

Task is ongoing. Plan for the activities in following half-year has been specified on 3<sup>rd</sup> General Assembly Meeting.

- **Task 6.2 Appointment of external independent advisor of ELEVATE for review of progress, business and strategic plans and commentary on ‘Roadmap’ led by CU.**

Task has been completed in month 3.(1<sup>st</sup> quarterly report).

- **Task 6.3 Knowledge transfer to CU staff in best practices from OU and UIBK for developing a unit business plan led by UIBK.**

Task is ongoing.

- **Task 6.4 Development of portfolio of joint research bids to diverse range of funding agencies led by OU.**



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.



Task is under development.

- **Task 6.5 Preparation of ‘Roadmap’ outlining EPPL strategic plan post award (2019-2025) led by CU.**

Task is ongoing.

Deliverable D6.1 D58 1st Annual report on evaluation of CU sustainability and business model (4<sup>th</sup> Quarterly period).

## 2. Issues/deviations from the plan

There were no serious issues or deviations during the watched period that would have negative impact on the project.

## 3. Dissemination

Project website and social media are being continuously updated with new information.

Project brochures, which were developed during 3<sup>rd</sup> quarterly period, were handed round during the 21<sup>st</sup> Symposium – SAPP in Slovakia on 13.-18.1.2017. Attending project managers were sharing the project ELEVATE information during symposium coffee breaks. Outputs developed with the help of the project ELEVATE were presented during the Workshop.



“This project has received funding from the *European Union’s Horizon 2020 research and innovation programme* under grant agreement No 692335”.