#	WP / Task	Duration	Staff involved (MSc student, PhD student, Post-doc)	Envisaged period	Home organization	Host organization	Supervisor home organization	Supervisor host organization	Contact	Scientific objective	Justification for mobility
1	4.2	3 months	Post-doc	To be defined	POLIMI	JRC-Ka	Lelio Luzzi	Paul Van Uffelen	lelio.luzzi@polimi.it ; paul.van-uffelen@ec.europa.eu	1) Finalize the interface between SCIANTIX and TRANSURANUS and adapt code for inclusion of the new ANS5.4 model in the code 2) Model benchmarking (with MFPR-F, ANS5.4, FISPRO2)	1) Direct interaction with TRANSURANUS developers allows for speed up in identification of needs and problem solving 2) additional experimental data available at JRC can be used for code validation
2	4.3	1 month	PhD/Post-doc	To be defined	POLIMI	CIEMAT	Lelio Luzzi	Luis E Herranz	lelio.luzzi@polimi.it ; luisen.herranz@ciemat.es	Couple SCIANTIX with FRAPCON/FRAPTRAN in order for the fuel performance code to benefit from the envisaged work on fission gas behaviour modelling	Direct interaction with the users of FRAPCON/FRAPTRAN allows for speed up in identification of needs and problem solving
3	2,6	1 to 3 months	MSc student	To be defined	POLIMI	Bel V	Lelio Luzzi	Albert Malkhasyan	lelio.luzzi@polimi.it ; albert.malkhasyan@belv.be	Fuel behaviour calculations with TRANSURANUS/ SCIANTIX of Belgian PWR-1000 fuel to complement CATHARE and MELCOR calculations performed by Bel V	Evaluation of interest and feasibility of proposal of new simulation strategies and best pracices proposals for safety assessments
4	3,2	2 months	PhD student	to be defined (2021)	LEI	IRSN	Tadas Kaliatka	Francois Kremer	tadas.kaliatka@lei.lt; francois.kremer@irsn.fr	Evaluation of thermo-mechanical and thermo-chemical property evolution of BWR fuel by means of MFPR-F, which will be coupled with TRANSURANUS	Direct interaction with the developers of the MFPR-F code allows for speed up in identification of needs and problem solving, especially when coupling with the TRANSURANUS code (under development at IRSN and JRC)
5	4,2	1 - 2 months	PhD/Post-doc	To be defined	BOKU	NINE	Nikolaus Müllner	Marco Cherubini	nikolaus.muellner@boku.ac.at	Reevaluation of the fission product transport SGTR transient	Direct access to expertise. Feedback and improvement of the developed models.
6	5,1	1 - 2 months	PhD/Post-doc	To be defined	BOKU	NINE	Nikolaus Müllner	Marco Cherubini	nikolaus.muellner@boku.ac.at	Optimisation of accident management, evaluation of measures and benefits.	Direct Interaction with the task leader, feedback on and discussion of AM measures