



DE LA RECHERCHE À L'INDUSTRIE

## ***SANDA WP5 Status and Outlook***

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***DES/IRENE/DER***

*Institut de recherche sur les systèmes nucléaires pour la production d'énergie bas carbone*

## Tasks, Subtasks, Partners, Deliverables, Initial Deadlines

	Tasks / Subtasks	Partners	Deliverables
<b>T5.1</b>	<b>Impact studies, sensitivity analyses, and assessment of needs</b>	<b>CIEMAT, CEA/DES, CNRS/LPSC, SCK-CEN, JSI, KIT, UPM, IRSN</b>	
T5.1.1	Impact studies and sensitivity analyses		M24
T5.1.2	Assessment of (JEFF) nuclear data needs		M36 (milestone)
<b>T5.2</b>	<b>Validation studies (using existing expts)</b>	<b>UPM, CEA/DES, CIEMAT, JSI, KIT, NRG, IRSN</b>	
T5.2.1	Assessing correlations in integral expts.		M36
T5.2.2	C/E validation and trends		M42, M48
<b>T5.3</b>	<b>New integral experiments</b>	<b>CEA/DES, CVREZ, ENEA, JRC</b>	
T5.3.1	Experiments at GELINA		M42
T5.3.2	Experiments at LR-0		M42, M48
T5.3.3	Experiments at TAPIRO		M42

T1 D.5.1 Report on sensitivity analysis methods; CIEMAT, LPSC, UPM, CEA; M24

D.5.2 Report on ESFR, MYRRHA, and ALFRED sensitivity and impact studies; SCK, CEA, UPM; M24

D.5.3 Report on JHR sensitivity and impact study; CEA; M24

D.5.4 Report on HLW sensitivity and impact study; KIT; M24

D.5.5 Report on assessment of nuclear data needs; CEA, CIEMAT, UPM, SCK, KIT; M36

D.5.6 Report on correlations between integral experiments; CIEMAT, JSI, CEA, UPM; M30

T2 D.5.7 Report on reactor and shielding C/E validation and nuclear data trends; UPM, JSI, CEA; M42

D.5.8 Report on critical benchmark C/E validation and nuclear data trends; NRG, IRSN; M42

D.5.9 Report on C/E validation and nuclear data trends; UPM, CEA, JSI, NRG, IRSN; M48

D.5.10 Report on experiments at JRC Geel using MINERVE samples; CEA; M42

T3 D.5.11 Report on integral experiments at LR-0; CVREZ, CEA; M42

D.5.12 Report on integral experiments at TAPIRO; ENEA, CEA; M42

D.5.13 Report on new integral experiments and needs; CEA, JRC, CVREZ, ENEA; M48

The first partner listed for each deliverable is the responsible for the deliverable.

Deliv #	Theme	Resp. Partner	Revised Deliv. Date
D.5.1	Sensitivity analysis methods	CIEMAT	M26
D.5.2	ESFR, MYRRHA, ALFRED sensitivity and impact studies	SCK	M38
D.5.3	JHR sensitivities and uncertainties	CEA	M38, upd. M54
D.5.4	HLW sensitivities and impact	KIT	M38
D.5.5	Nuclear data needs (in connection with the above studies)	CEA	M45 -> M54
D.5.6	Correlation between integral experiments	CIEMAT	M42 -> M56
D.5.7	Reactor and shielding validation studies and ND trends	UPM	M42 -> M56
D.5.8	Criticality benchmark studies and ND trends	NRG	M42
D.5.9	C/E validation and ND trends (in connection with the above studies)	UPM	M48 -> M58
D.5.10	Experiments at GELINA using MINERVE samples	CEA	M51 -> M54
D.5.11	Integral experiments at LR-0	CVREZ	M51 -> M58
D.5.12	Integral experiments at TAPIRO	ENEA	M58?
D.5.13	New integral expts and needs (in connection with the above results)	CEA	M60