Milestones

TABLE 2. MILESTONES							
Milestone no.	**Milestone name**	**Work package no**	**Lead beneficiary**	**Delivery date from Annex I dd/mm/yyyy**	**Achieved Yes/No**	**Actual / Forecast achievement date dd/mm/yyyy**	**Comments**
MS21	Decision on the continuation of Task 2.4	WP2	Fraunhofer	30/06/2011	Yes	30/06/2011	Verification: Possibility to build one or several models
MS22	First version of process models developed in Tasks 2.1 to 2.3	WP2	Fraunhofer	30/06/2012	Yes	23/10/2012	Verification: Models transferred to WP6
MS23	Process models developed in Tasks 2.1 to 2.3	WP2	Fraunhofer	31/12/2012	No	31/12/2012	Verification: Models transferred to WP6
MS31	Dedicated experiments designed (first lot)	WP3	UNEW	28/02/2011	Yes	31/07/2012	(* see below) Verification: Experimental plan, partners and schedule
MS32	Dedicated experiments designed (final lot)	WP3	UNEW	31/08/2011	Yes	31/07/2012	(* see below) Verification: Experimental plan, partners and schedule
MS33	First version of process models for n+ and p+ junctions	WP3	SYNG	30/06/2012	Yes	30/06/2012	Verification: Models communicated to WP6
MS34	Process models for n+ and p+ junctions finalized	WP3	SYNG	31/12/2012	No	31/12/2012	Verification: Models transferred to WP6

MS41	First version of process models for excimer laser, PIII and low/high temperature implants	WP4	STM	30/06/2012	Yes	30/06/2012	Verification: Models communicated to WP6
MS42	Models for excimer laser, PIII and low/high temperature implants	WP4	STM	31/12/2012	No	31/12/2012	Verification: Models transferred to WP6
MS51	Validation of DLTS structures and first identification of extended defect-related DLTS spectra	WP5	CNRS	30/06/2011	Yes	30/06/2011	Verification: Structures available and characterized
MS52	First version of leakage current models	WP5	ETH Zurich	30/06/2012	Yes	30/06/2012	Verification: Models communicated to WP6
MS53	All junctions characterized in terms of leakage currents	WP5	SEMILAB	30/06/2012	Yes	30/06/2012	Verification: Leakage current measurements accomplished
MS54	Models for leakage current models finalized	WP5	ETH Zurich	31/12/2012	No	31/12/2012	Verification: Models transferred to WP6
MS61	Test applications devices fabricated and characterized	WP6	STM	31/12/2011	Yes	31/06/2012	Characterization results are available

(*) In WP3, a first lot of experiments was designed in January and February 2012, and planned to be performed in spring 2012. These experiments were designed to measure the difference in the Fermi-Level dependence between dopant drift and dopant diffusion, which was expected from the drift-diffusion theory for charged species presented in D3.1. Before starting the experiments, a careful derivation of drift-diffusion equations for charged species was performed according to the ideas presented in D3.1. It surprisingly showed that the difference planned to be measured is *not* expected from theory. Therefore, the experiments designed in February 2012 were not executed. The dedicated budget is now planned to be used for a re-designed set of experiments which are described in section 3.2.2 of this report.