

FP7 – SEII spending overview (EPIA own analysis)



- In the period 2010 – 2012 the EC funded **28 projects** directly linked to the priorities of the first Implementation Plan (2010-12).

-CHART A:

- Overall budget (EU + industry): **M€ 165**; M€ 112 EC (69%)
- Budget «Pillar A : Cost reduction »: **M€ 131 (80 %)**
- Budget « Pillar B: System integration »: **M€ 34 (20%)**
- The thematic area “Advanced manufacturing processes for cells and modules” attracted **M€ 131** alone

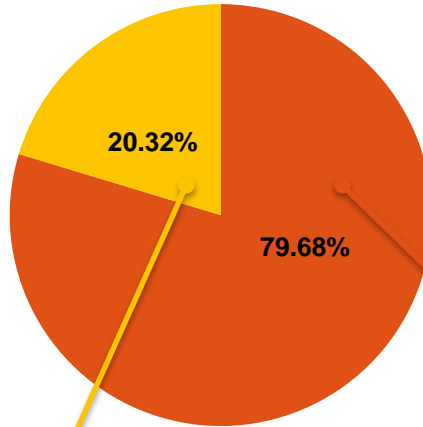
-CHART B: follows the same order, but considers only EU funds

CHART A: Distribution of the budget (EU + Industry) – <i>ROUNDED NUMBERS</i>		
	EU + Industry	%
A. Cost reduction	M€ 131	80%
1 - Advanced manufacturing processes for cells and modules	M€ 102	62%
2 - Performance enhancement & lifetime extension	M€ 12	7%
3 - Materials development & sustainability	M€ 18	11%
B. System integration	M€ 34	20%
4- Enabling Large scale deployment	M€ 17	10%
5 - Building integration	M€ 16	10%
Total	M€ 165	

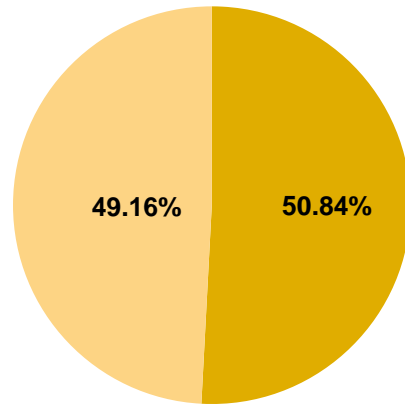
CHART B: Distribution of the EU budget alone		
	EU funds	%
A. Cost reduction	M€ 91	82%
1 - Advanced manufacturing processes for cells and modules	M€ 72	65%
2 - Performance enhancement & lifetime extension	M€ 9	8%
3 - Materials development & sustainability	M€ 11	9%
B. System integration	M€ 20	18%
4- Enabling Large scale deployment	M€ 11	10%
5 - Building integration	M€ 10	9%
Total	M€ 112	

FP7 spending overview 2010-2012

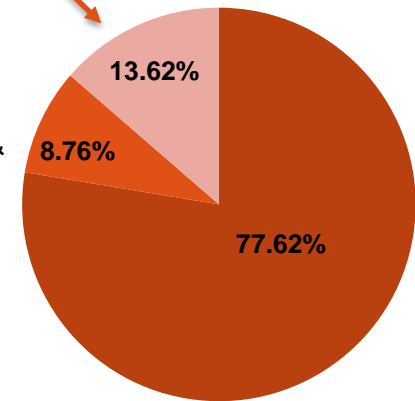
- Pillar A: Cost reduction (€ 131.414.025 M)
- Pillar B: System integration (€ 33.516.897 M)



- 4- Enabling Large scale deployment (€ 17.038.460 M)
- 5 - Building integration (€ 16.478.437 M)



- 1 - Advanced manufacturing processes for cells and modules (€ 101.999.840 M)
- 2 - Performance enhancement & lifetime extension (€ 11.510.931 M)
- 3 - Materials development & sustainability (€ 17.903.254 M)



List of calls & projects directly linked to the SEII priorities (period 2010-2012)



Programme	Identifier	Topic	Projects financed	Project date	Project budget	EU contribution	%	IP priority
FP7-ENERGY	ENERGY.2007.2.1-11	Multiple benefits of PV systems	METAPV	2009-10-01 to 2014-03-31	€9.383.212.00	€5.520.793.00	58.8%	B.1.1.1
FP7-NMP	NMP-2008-2.4-2	Radical advances in the processing of multifunctional films and tapes	NOVA-CI(GJS)	2010-01-01 to 2013-06-30	€5.480.564.00	€3.474.727.00	63.4%	A.3.1.1
FP7-NMP	NMP-2009-1.2-1	Nanotechnology for harvesting energy via photovoltaic technologies	NANO PV	2011-03-01 to 2014-02-28	€5.408.141.00	€3.970.658.00	73.4%	A.1.1.5
			SANS	2011-01-01 to 2013-12-31	€5.273.917.00	€3.991.060.00	75.7%	A.2.1.3
			NANOSPEC	2010-06-01 to 2013-05-31	€3.994.486.00	€3.033.843.00	76.0%	A.1.1.5
			SNAPSUN	2010-06-01 to 2013-05-31	€3.170.432.00	€2.294.535.00	72.4%	A.1.1.5
FP7-ENERGY	ENERGY.2009.2.1.1	Efficiency and material issues for thin-film photovoltaics	POLYSIMODE	2009-12-01 to 2012-11-30	€6.049.282.00	€4.497.760.00	74.4%	A.1.2.3
			HIPOCIGS	2010-01-01 to 2012-12-31	€5.018.483.00	€3.644.791.00	72.6%	A.2.1.3
FP7-ENERGY	ENERGY.2009.2.1.2	Solar Photovoltaics: Manufacturing and product issues for thin-film photovoltaics	PV-GUM	2010-11-01 to 2013-10-31	€11.091.127.00	€6.234.346.00	56.2%	B.1.2.1
			PEPPER	2010-09-01 to 2013-08-31	€16.720.648.00	€9.383.967.00	56.1%	A.3.1.1
FP7-ENERGY	ENERGY.2009.2.1.3	Support to the coordination of stakeholders' activities in the field of Photovoltaics	PV TP - SEC	2009-09-01 to 2012-08-31	€959.912.00	€468.116.00	48.8%	B.3.1
FP7-ENERGY	ENERGY.2010.2.1-1	Further development of very thin wafer based c-Si photovoltaics	THINSI	2010-01-01 to 2012-12-31	€6.186.727.00	€4.416.582.00	71.4%	A.1.2.3
			SILICON LIGHT	2010-01-01 to 2012-12-31	€8.848.175.00	€5.779.519.00	65.3%	A.1.2.3
			20pµs	2010-10-01 to 2013-09-30	€7.031.921.00	€4.879.986.00	69.4%	A.1.1.3
			Sugar	2010-10-01 to 2013-09-30	€5.528.752.00	€3.717.653.00	67.2%	A.1.1.4
FP7-ENERGY	ENERGY.2010.2.1-2	Development of novel materials, device structures and fabrication methods suitable for thin film solar cells and TCOs including organic photovoltaics. EU - India Call	AGATHA	2010-09-01 to 2013-08-31	€2.426.887.00	€1.708.420.00	70.4%	A.1.2.3
FP7-ENERGY	ENERGY.2010.10.2-1	Future Emerging Technologies for Energy Applications	R2M-SI	2010-10-01 to 2013-09-30	€3.899.118.00	€2.834.925.00	72.7%	A.1.2.2

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FP7-ENERGY	ENERGY.2007.2.1-11	Multiple benefits of PV systems	METAPV	2009-10-01 to 2014-03-31	€9.383.212.00	€5.520.793.00	58.8%	B.1.1.1
FP7-NMP	NMP-2008-2.4-2	Radical advances in the processing of multifunctional films and tapes	NOVA-CI(G)S	2010-01-01 to 2013-06-30	€5.480.564.00	€3.474.727.00	63.4%	A.3.1.1
FP7-NMP	NMP-2009-1.2-1	Nanotechnology for harvesting energy via photovoltaic technologies	NANOPV	2011-03-01 to 2014-02-28	€5.408.141.00	€3.970.658.00	73.4%	A.1.1.5
			SANS	2011-01-01 to 2013-12-31	€5.273.917.00	€3.991.060.00	75.7%	A.2.1.3
			NANOSPEC	2010-06-01 to 2013-05-31	€3.994.486.00	€3.033.843.00	76.0%	A.1.1.5
			SNAPSUN	2010-06-01 to 2013-05-31	€3.170.432.00	€2.294.535.00	72.4%	A.1.1.5
FP7-ENERGY	ENERGY.2009.2.1.1	Efficiency and material issues for thin-film photovoltaics	POLYSIMODE	2009-12-01 to 2012-11-30	€6.049.282.00	€4.497.760.00	74.4%	A.1.2.3
			HIPOCIGS	2010-01-01 to 2012-12-31	€5.018.483.00	€3.644.791.00	72.6%	A.2.1.3
FP7-ENERGY	ENERGY.2009.2.1.2	Solar Photovoltaics: Manufacturing and product issues for thin-film photovoltaics	PV-GUM	2010-11-01 to 2013-10-31	€11.091.127.00	€6.234.346.00	56.2%	B.1.2.1
			PEPPER	2010-09-01 to 2013-08-31	€16.720.648.00	€9.383.967.00	56.1%	A.3.1.1
FP7-ENERGY	ENERGY.2009.2.1.3	Support to the coordination of stakeholders' activities in the field of Photovoltaics	PV TP - SEC	2009-09-01 to 2012-08-31	€959.912.00	€468.116.00	48.8%	B.3.1

List of calls & projects not directly linked to the SEII priorities (period 2010-2012)

Programme	Identifier	Topic	Projects financed	Project date	Project budget	EU contribution	%
FP7-NMP	NMP-2008-2.5-2	Modelling of interfaces for high performance materials design	HIPERSOL	2009-12-01 to 2012-11-30	€4.548.295.00	€3.399.990.00	75%
FP7-NMP	NMP-2008-4.0-4	Expanding the limits of advanced materials processing applications through a new generation of high brilliance lasers	ALPINE	2009-09-01 to 2012-08-31	€9.014.254.00	€5.899.987.00	65%
FP7-SME	SME-1	Co-operative Research (all areas of science and technology)	PV-SERVITOR	2009-09-01 to 2011-08-31	€1.500.222.00	€1.205.383.00	80%
FP7-IDEAS-ERC	ERC-SG-PE4 ERC	Starting Grant - Physical and Analytical Chemical sciences	MIMESIS	2009-10-01 to 2013-09-30	€1.050.000.00	€1.050.000.00	100.0 %
FP7-IDEAS-ERC	ERC-SG-PE4 ERC		SINGFISS	2009-12-01 to 2014-11-30	€1.199.999.00	€1.199.999.00	100%
FP7-IDEAS-ERC	ERC-SG-PE5 ERC	Starting Grant - Materials and Synthesis	UPCON	2010-01-01 to 2014-12-31	€1.286.000.00	€1.286.000.00	100%
FP7-IDEAS-ERC	ERC-SG-PE5 ERC		ALIGN	2010-03-01 to 2015-02-28	€1.000.000.00	€1.000.000.00	100%
FP7-NMP	NMP-2009-1.2-1	Nanotechnology for harvesting energy via photovoltaic technologies	NASCENT	2010-09-01 to 2013-08-31	€4.208.282.00	€2.982.855.00	70.9%
FP7-ENERGY	ENERGY.2009.2.1.1	Efficiency and material issues for thin-film photovoltaics	HELATHIS	2010-01-01 to 2012-12-31	€3.132.528.00	€2.108.152.00	67%
FP7-ICT		Collaborative project (generic)	PRIMA	2010-01-01 to 2012-12-31	€3.396.658.00	€2.300.000.00	68%
FP7-ICT		Collaborative project (generic)	LIMA	2010-01-01 to 2012-12-31	€3.186.950.00	€2.375.000.00	75%
FP7-ICT	ICT-2009.3.3	Flexible organic and large area electronics	INTERFLEX	2010-01-01 to 2012-12-31	€5.532.851.00	€3.494.966.00	63%
FP7-ICT	ICT-2009.3.3		HIFLEX	2010-01-01 to 2012-12-31	€4.993.874.00	€3.649.672.00	73%
FP7-IDEAS-ERC	ERC-AG-ID1 ERC	Advanced Grant Interdisciplinary Panel	MESOLIGHT	2010-03-01 to 2015-02-28	€2.046.000.00	€2.046.000.00	100%
FP7-IDEAS-ERC	ERC-SG-PE4 ERC	Starting Grant - Physical and Analytical Chemical sciences	PHOTO-EM	2010-12-01 to 2015-11-30	€1.381.541.00	€1.381.541.00	100%
FP7-INFRASTRUCTURES	INFRA-2010-1.1.22	Research Infrastructures for Solar Energy: Photovoltaic Power	SOPHIA	2011-02-01 to 2015-01-31	€11.595.225.00	€9.000.000.00	78%

List of calls & projects not directly linked to the SEII priorities (period 2010-2012)

Programme	Identifier	Topic	Projects financed	Project date	Project budget	EU contribution	%
FP7-ENERGY	ENERGY.2010.10.2-1	Future Emerging Technologies for Energy Applications (FET)	MOLESOL	2010-10-01 to 2013-09-30	€3.585.393.00	€2.450.375.00	68.3%
			PEPDIODE	2011-08-01 to 2015-07-31	€3.642.331.00	€2.749.966.00	75.5%
FP7-ENERGY	ENERGY.2010.2.1-2	Development of novel materials, device structures and fabrication methods suitable for thin film solar cells and TCOs including organic photovoltaics. EU - India Coordinated Call	ESCORT	2010-09-01 to 2014-08-31	€1.755.892.00	€1.341.166.00	76%
			LARGECELLS	2010-09-01 to 2013-08-31	€2.170.683.00	€1.646.528.00	75.9%
FP7-SME	SME-1	Research for SMEs	INTENSOL	2011-01-01 to 2012-12-31	€1.264.299.00	€970.991.00	77%
FP7-IDEAS-ERC	ERC-SG-PE8 ERC	Starting Independent Researcher Grant for the domain Physical Sciences & Engineering	NANOENERGY	2011-10-01 to 2016-09-30	€1.500.000.00	€1.500.000.00	100.0%
FP7-IDEAS-ERC		ERC Advanced Grant	LILO	2011-01-01 to 2015-12-31	€2.399.440.00	€2.399.440.00	100%
FP7-SME	FP7-SME-2011-BSG	Research for SMEs	SOLNOWAT	2011-09-01 to 2013-08-31	€1.601.430.00	€1.189.283.00	74.3%
			FABRIGEN	2011-11-01 to 2014-04-30	€1.519.336.00	€1.181.700.00	77.8%
			ROTROT	2011-09-01 to 2014-08-31	€4.633.351.00	€3.100.000.00	67%
FP7-ICT	ICT-2011.3.6	Flexible, Organic and Large Area Electronics and Photonics	SUNFLOWER	2011-10-01 to 2015-09-30	€14.184.476.00	€10.099.968.00	71%
			X10D	2011-10-01 to 2014-09-30	€11.872.413.00	€8.550.000.00	72%
FP7-NMP	NMP.2011.1.4-2	Development of nano-scale detection and control techniques for large area substrates	NANOMEND	2012-01-01 to 2015-12-31	€10.450.719.00	€7.250.000.00	69.4%
FP7-NMP	NMP.2011.4.0-3	Advanced textiles for the energy and environmental protection markets	POWERWEAVE	2012-06-01 to 2015-11-30	€5.568.170.00	€3.997.419.00	72%
FP7-IDEAS-ERC	ERC-OA-2011-PoC	European Research Council ERC Proof of Concept	IDSC	2012-07-01 to 2013-06-30	€160.400.00	€148.440.00	93%

Calls & projects directly linked to SEII priorities (period 2010-2012)

Budget Overview		
N° calls	16	
N° Projects	28	
Total budget	M€ 165	
EU funding	M€ 112	68%
Private funding	M€ 53	32%

Calls & projects not directly linked to SEII priorities (period 2010-2012)

Budget Overview		
N° calls	20	
N° Projects	31	
Total budget	M€ 125	
EU funding	M€ 93	74%
Private funding	M€ 32	26%