



## **Deliverable report**

### **Deliverable 7.5 – Participation in relevant conferences or seminars or publications (at least 2)**

Project acronym: **GREENBAT**

Project full title: ***GREEN and SAFE thin film BATteries for flexible cost efficient energy storage***

Proposal/Contract no.: 224582

Date: 24.11.2011

### **Document revision history**

<b>Version</b>	<b>Date</b>	<b>Author</b>	<b>Summary of main changes</b>
1	24. Nov. 2011	M. Krebs	Collection of the data

***Dissemination: List of event, where the GREENBAT project was presented***

Dates	Event	Dissemination type	Persons	Status
<b>2008</b>				
July 8 <sup>th</sup> 2008	1 <sup>st</sup> International Symposium on flexible Organic Electronics, Halkidiki, Greece	Presentation	Dr Bertrand Fillon	done
October 27-29, 2008	4 <sup>th</sup> Global Plastic Electronics 2008 , Berlin, Germany.	Presentation	Dr Bertrand Fillon	done
<b>2009</b>				
January 13-14, 2009	Organic and Large Area Electronic Cluster Meeting, Brussels, Belgium	Presentation	Dr. M. Krebs (speaker) Dr. Jukka Hast Dr. Bertrand Fillon	done
March 18-20	ICT 4EE Exhibition	Stand	Norbert Schläfli, Dr. Jukka Hast, Dr. Martin Krebs	done
April 22 <sup>nd</sup>	PRODI workshop, Chemnitz, Germany	Presentation	Dr Hélène Rouault	done
June 16	Polymer Electronics on flexible substrate" Workshop, Lyon, France	Presentation	Dr Florence Fusalba, Dr. M. Krebs	done
June 23-25	LOPE-C Large Area Organic and Printed Electronics, Frankfurt, Germany	Presentation	Dr. M. Krebs	done
July 8-10	2 <sup>nd</sup> International Symposium on flexible Organic Electronics, Halkidiki, Greece	Presentation	Dr. M. Krebs (speaker)	done
October 27-29	5 <sup>th</sup> Global Plastic electronics, Dresden, Germany.	Presentation	Dr. M. Krebs (speaker)	done
<b>2010</b>				
February 23-24	ICT4EE Exhibition, Brüssel	Stand	Norbert Schläfli, Dr. Jukka Hast, Dr. Martin Krebs	done
June 1-2	LOPE-C Large Area Organic and Printed Electronics, Frankfurt, Germany	Stand, Presentation	Dr. Martin Krebs, Dr. Jukka Hast, Dr. Bertrand Fillon	done

<b>2011</b>				
February 7	5. Wearable Technologies Conference, Munich, Germany	Presentation	Martin Krebs	done
April 5-6	PE 2011, Düsseldorf, Germany	Stand	Martin Krebs	done
April 11	GREENBAT Workshop, Vellberg, Germany	Workshop		done
May 28-30	LOPE-C, Frankfurt, Germany	Stand	Martin Krebs	done
August 11	ELCHEMAP Workshop, mines, Paris, France	Workshop	Wolfgang Bock	Done

The documents concerning these events can be downloaded from <http://www.greenbat-project.org/public>

*Table 7.1 – List of dissemination events*

As in the year before the GREENBAT team prepared a stand at the ICT4EE in Brussels on 23 – 24.02.2010.



Fig. 1: Information at the GREENBAT stand

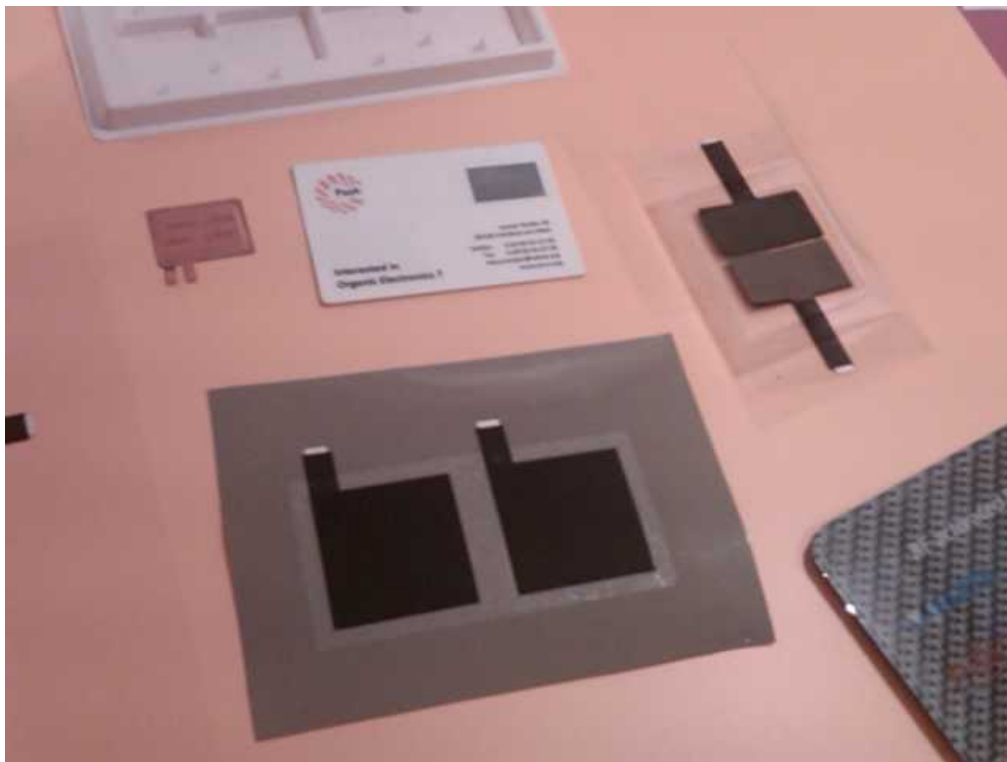


Fig. 2: First samples of the Feasibility Study were shown.

In general the resonance was very good. A lot of persons took the chance to get information about GREENBAT. In 2011 the team will be there again.

Also at the LOPE-C, Frankfurt, 01.-02.07.2010, the team presented the work of GREENBAT



Fig. 3: Visitor at the GREENBAT stand



Fig. 4. The first GREENBAT was shown.

During the Exhibition there were a lot of contacts. Five persons were definitely interested in printing batteries on SmartObjects.

## More activities

NSMZ has worked towards a workshop that would discuss the usability and disposability aspects of printed secondary batteries in the packaging industry. This took a lot of effort, and acquired traction only in Y2.

More Dissemination occurred in the one-on-one meetings, during printing-problems discussions, including methods for in-line curing of electrodes and/or separator; the possible functionalisation of porous films; the use of an endless-tape as a peel-off carrier for making porous films from emulsion. Also, at the application level, there arose the possibility of creating unusually large battery volumes (= capacity) e.g. in a board game, or in a large-area seawater battery.

Together with VTT, NSMZ discussed a methodical variant of classical dissemination, which might simplify the setting up of workshops (e.g. the compiling of the mailing lists, phone discussion with prospects etc.) and also, writing of articles for a wider variety of trade magazines.

This would involve a publishable mindmap, showing at a glance to a magazine reader or workshop attendee, areas where discussion or collaboration might make sense. An example is given in Fig. 7.1, which was used in discussions with “Der Deutsche Drucker”, a trade magazine.

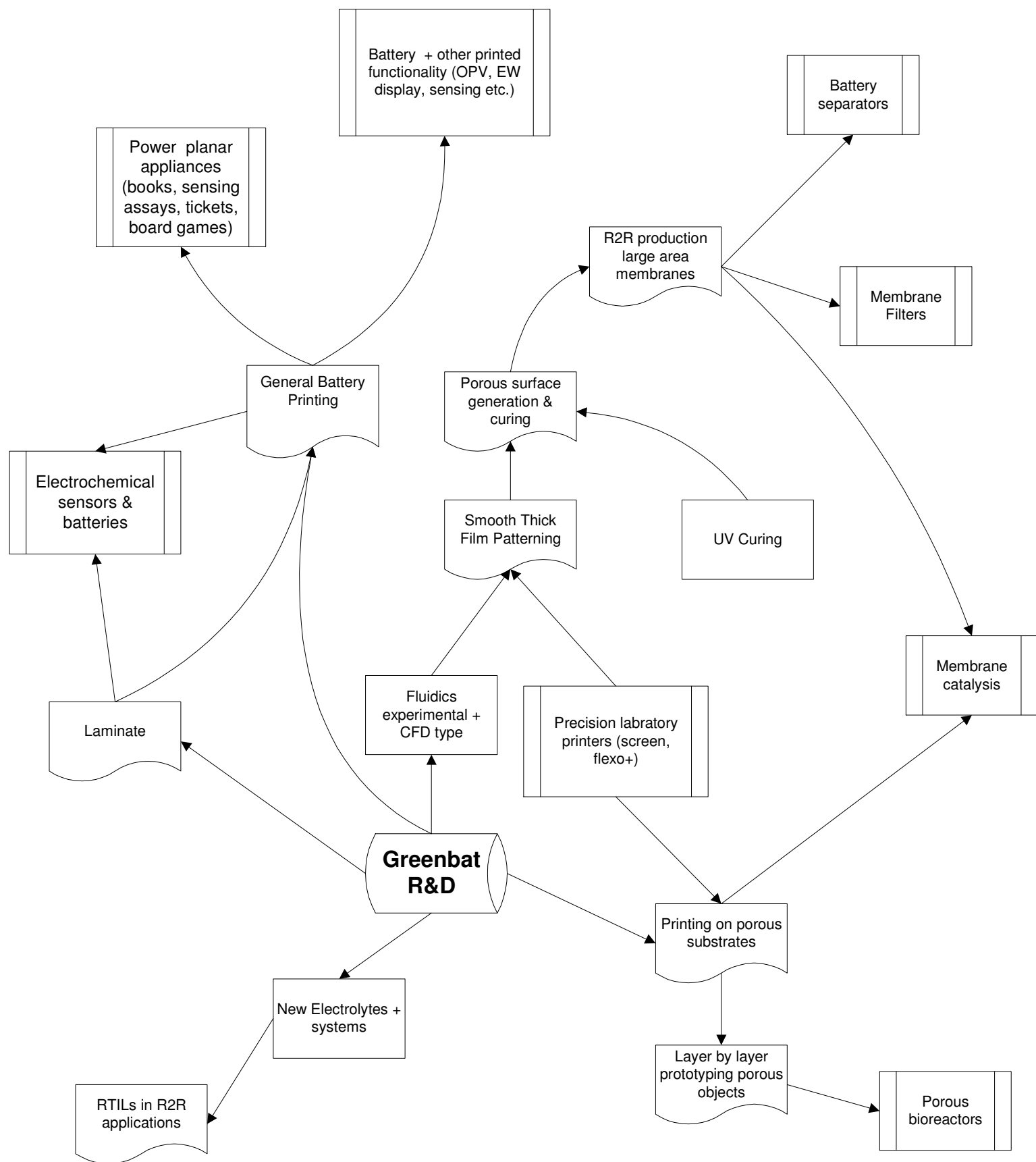


Fig. 5 Synergy mindmap for use in trade Press articles and workshop discussions.