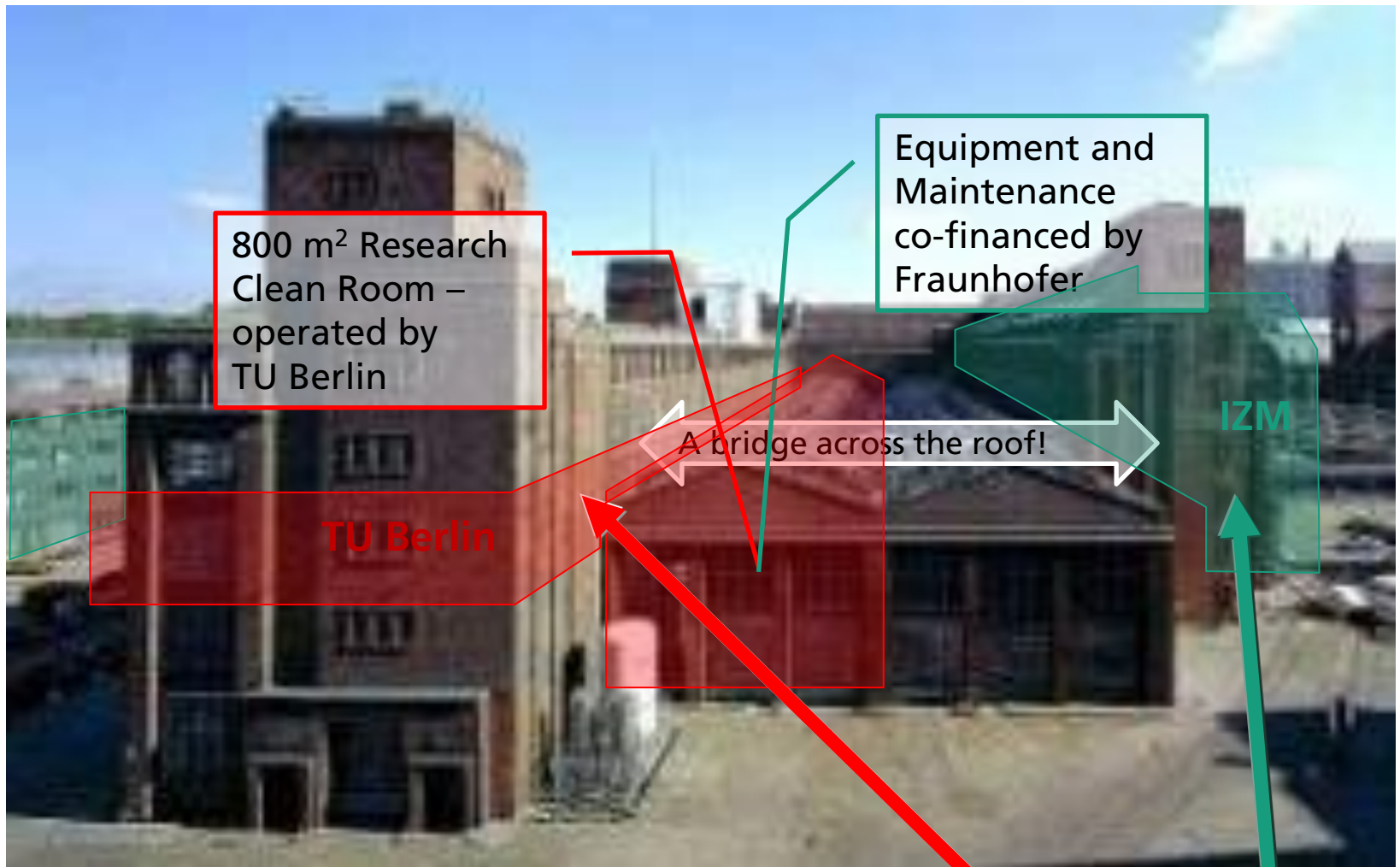


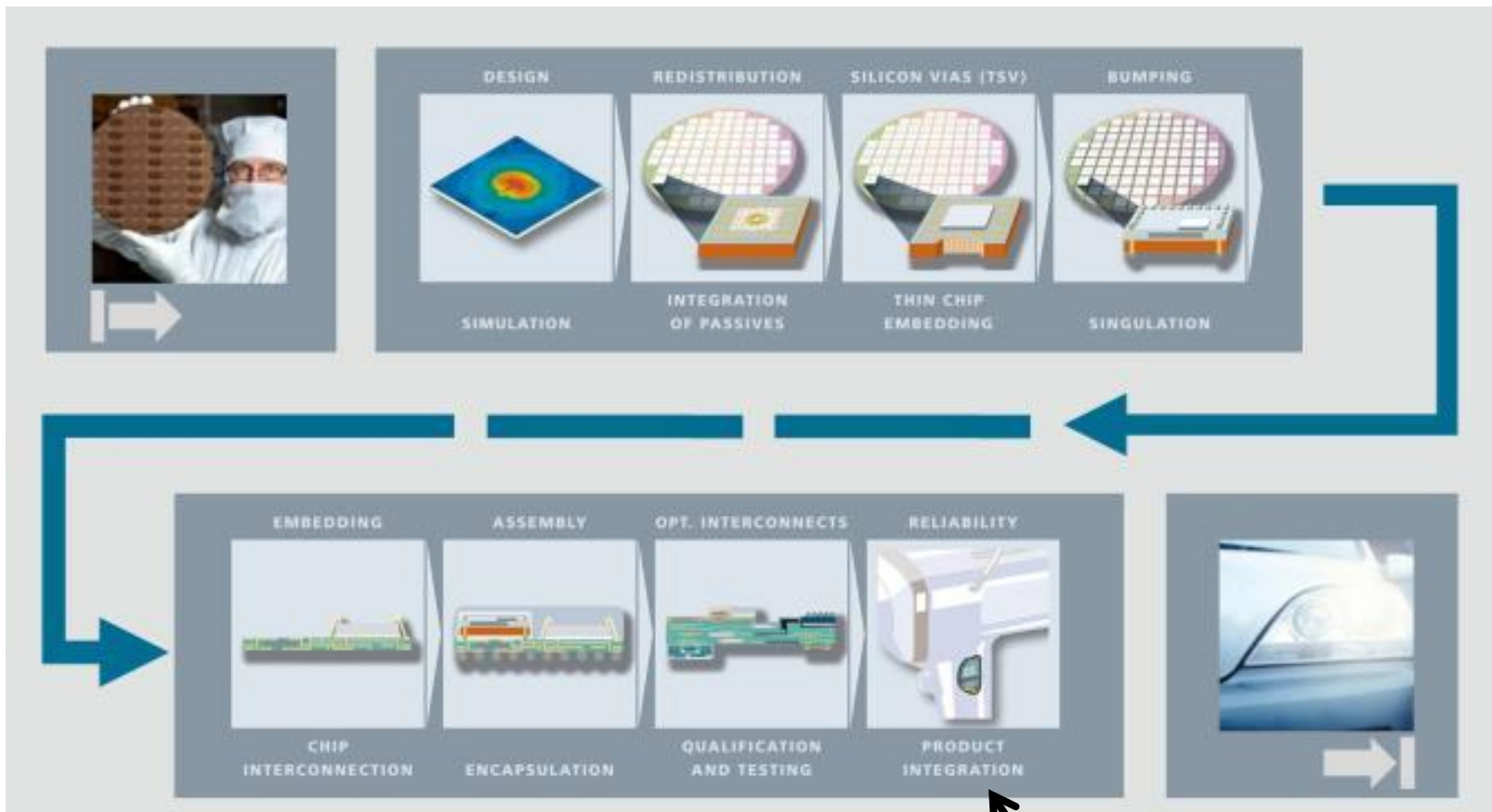
# TU Berlin - Research Centre "Technologien der Mikroperipherik" (TMP)


## A cooperation with Fraunhofer IZM



Perrine Chancerel

# Competencies: Bringing Microelectronics into Application





**Resources**  
**Environment**

**Environment oriented  
Material / Energy /  
Lifetime Assessment**

Perrine Chancerel

# Selection of projects relevant for ProSUM



Collection of data on the content of critical metals in WEEE, promotion of recovery technologies, recommendation for design for recycling critical metals. [www.upgrade.tu-berlin.de](http://www.upgrade.tu-berlin.de)



Study of the feasibility of a database on recyclability of materials and components. Commissioned by the Joint Research Centre (JRC), Institute for Environment and Sustainability



Environmental impacts of rechargeable lithium batteries used in mobile appliances of ICT. Commissioned by the German Environmental Agency UBA





Optimising the flows of resources over all life-cycle phases of Light Emitting Diodes (LED) products. Coordination: Fraunhofer IZM. [www.cyc-LED.eu](http://www.cyc-LED.eu)



Member from the beginning (Workshop at our conference Electronics Goes Green 2004)  
[www.step-initiative.org](http://www.step-initiative.org)

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# ProSUM Researchers

	Name	Job Title	WP & Tasks	Past Activities	Future Contribution
	Christian Clemm	Researcher	WP3	Coordinated the UBA project on environmental impacts of rechargeable lithium batteries	Collect and compile data on battery stocks, flows and reliability
	Perrine Chancerel	Senior researcher	WP2, 3, 4, 5, 6	Ph.D. on recovery of precious metals in 2009 ( <a href="http://www.user.tu-berlin.de/perrine.chancerel/">www.user.tu-berlin.de/perrine.chancerel/</a> ). Several research projects on resource efficiency, including UPgrade.	WP2: CRM content in WEEE and trends WP3: Data on batteries WP4: Coordination of Task 4.2

Perrine Chancerel