



From Lab to Market – Successful Technology Transfer Journeys Cubicure: Changing the 3D Printing Landscape

Dr Markus Kury, Chief Operations Officer, Cubicure GmbH, Vienna/Austria

Online Training Session, 8 December 2022



Agenda

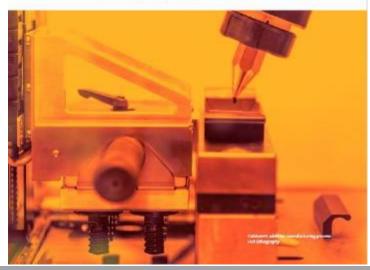


Changing the 3D printing landscape

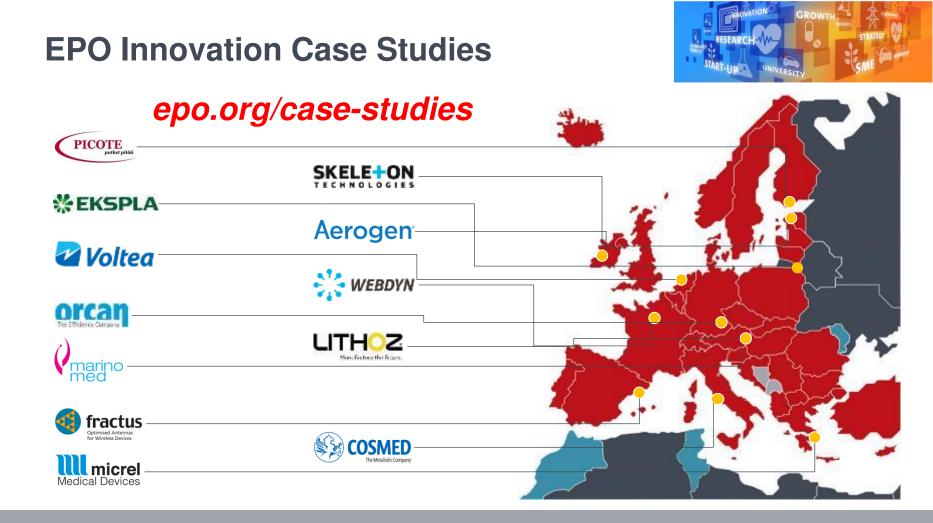
- Setting the Scene: EPO Technology Transfer Case Studies
- Cubicure:

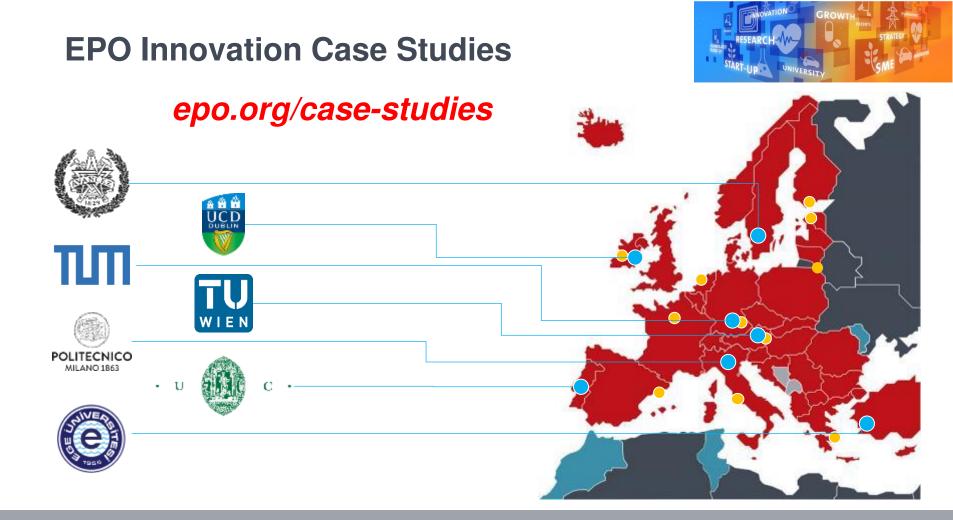
Changing the 3D Printing Landscape

 Outlook: Upcoming Training Sessions & Joint Activities The development of a long-term technology transfer strategy allowed the Technical University of Vienna to jointly build IP in additive manufacturing with its industry partner, lvodar. Balancing the allocation of usage rights by application field led to the commercialisation of the research results by lvoclar and the university's two spin-offs, Lithor and Cubicure.

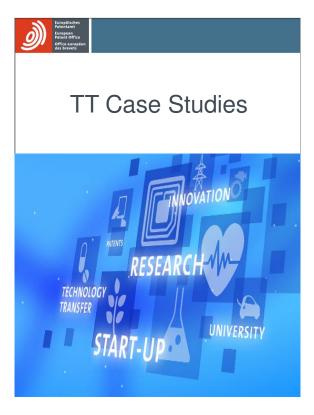


Setting the Scene: EPO Technology Transfer Case Studies





EPO Technology Transfer Case Studies



Technology transfer case studies show

- how patents facilitate tech transfer from European research institutions to the market
- how patents support business success
- diverse tech transfer scenarios
- from the technology life-cycle perspective
- good practices in IP strategy and IP management

Technology transfer models

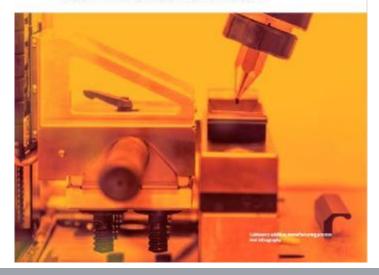
Industries		SMEs	Model
list go	Textiles	Oxeon	Public-private partnership; university spin-off
	Medical equipment	Atlantic Therapeutics	Industry-university collaboration; TTO as facilitator: Spin-off creation for market expansion
	Medical technology	Dermis Pharma	TTO support; university spin-off; partnership with big pharma company
A	Energy	Fos4x	University spin off; IP deal for access to funds and facilities supported by professor; successful exit
50	Road vehicles	Blubrake	External "enterprise factory" as facilitator of spin off formation
ं	Additive manufacturing	Cubicure	Collaboration contract; freedom to operate for spin offs
	Medical imaging	Perceive 3D	University spin-off based on an out-licensing process supported by TTO



Changing the 3D printing landscape

Cubicure: Changing the 3D Printing Landscape

The development of a long-term technology transfer strategy allowed the Technical University of Vienna to jointly build IP in additive manufacturing with its industry partner, locdar. Balancing the allocation of usage rights by application field led to the commercialisation of the research results by locdar and the university's two spin-offs, Lithoz and Cubicure.



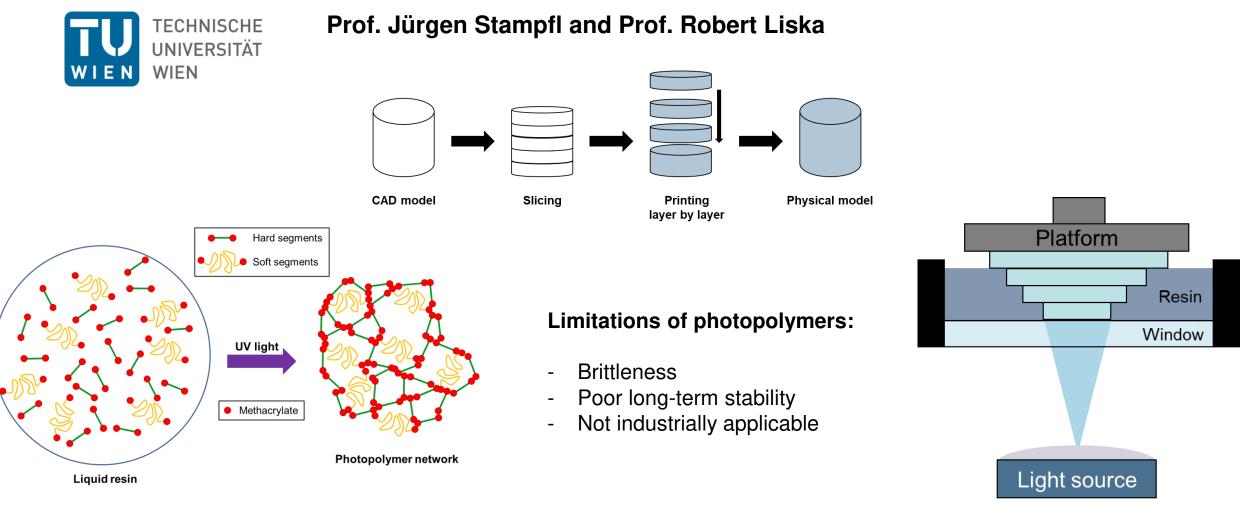
cubicure

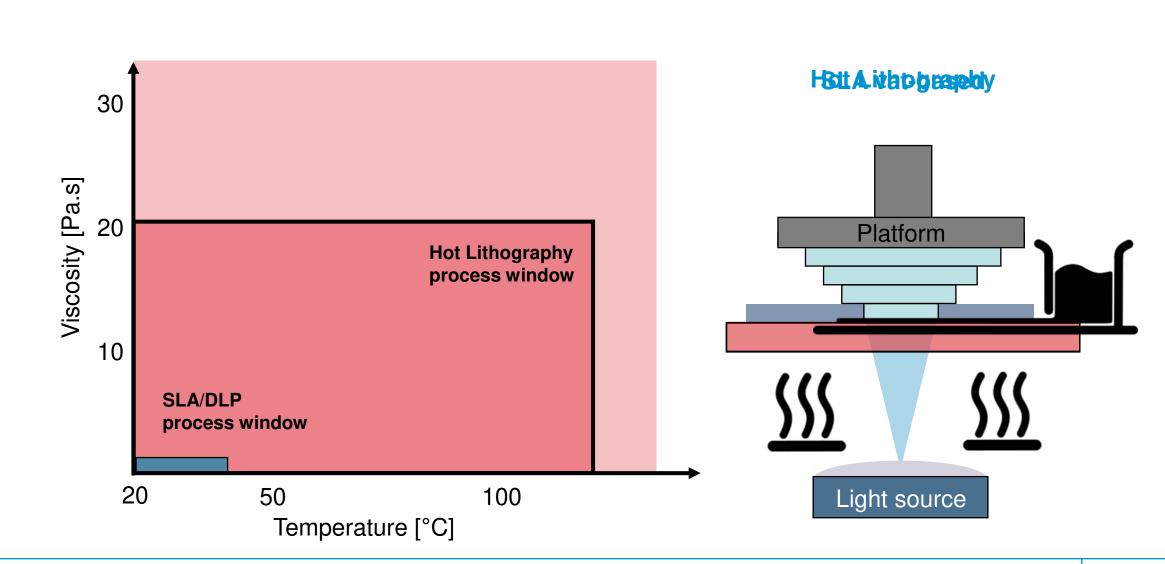
From Lab to Market – Cubicure Case

Markus Kury 2022-12-08



Beginnings of Cubicure



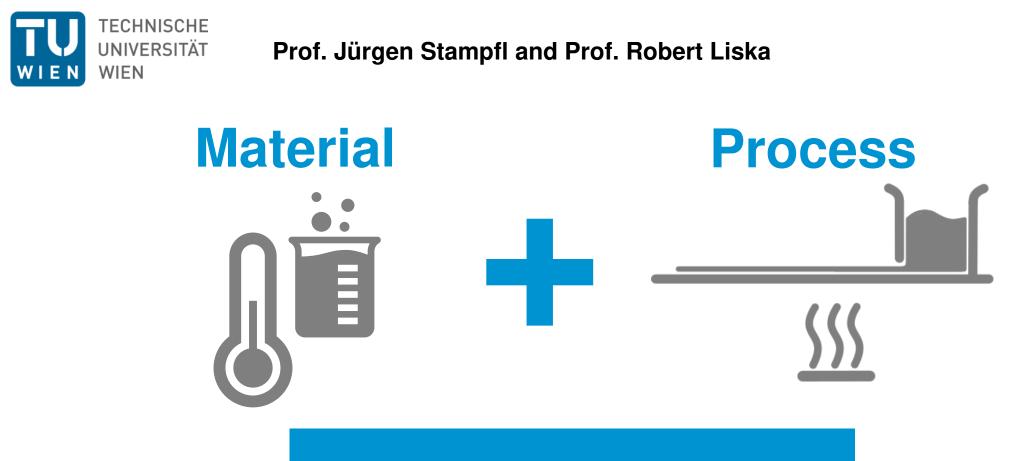


A new realm of possibilities – Hot Lithography





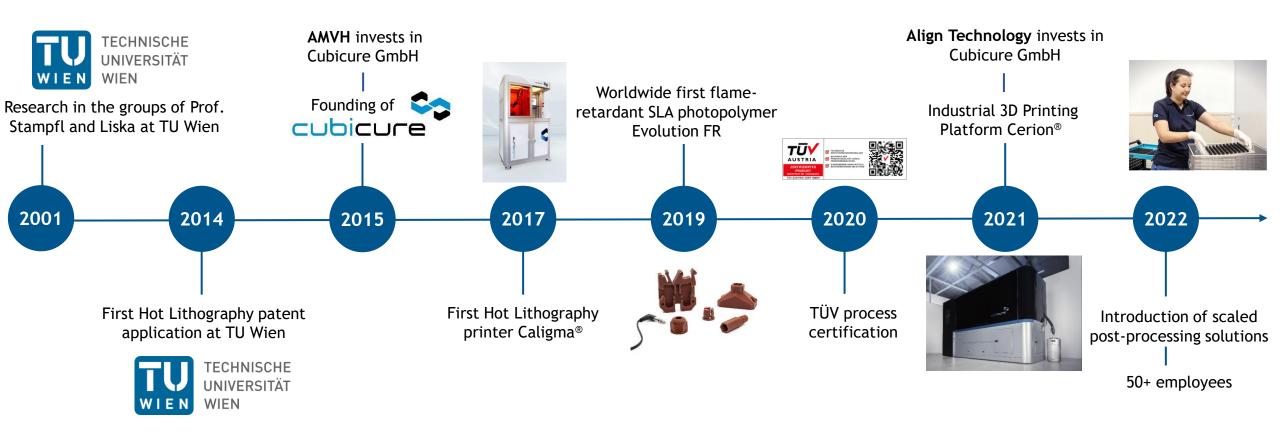




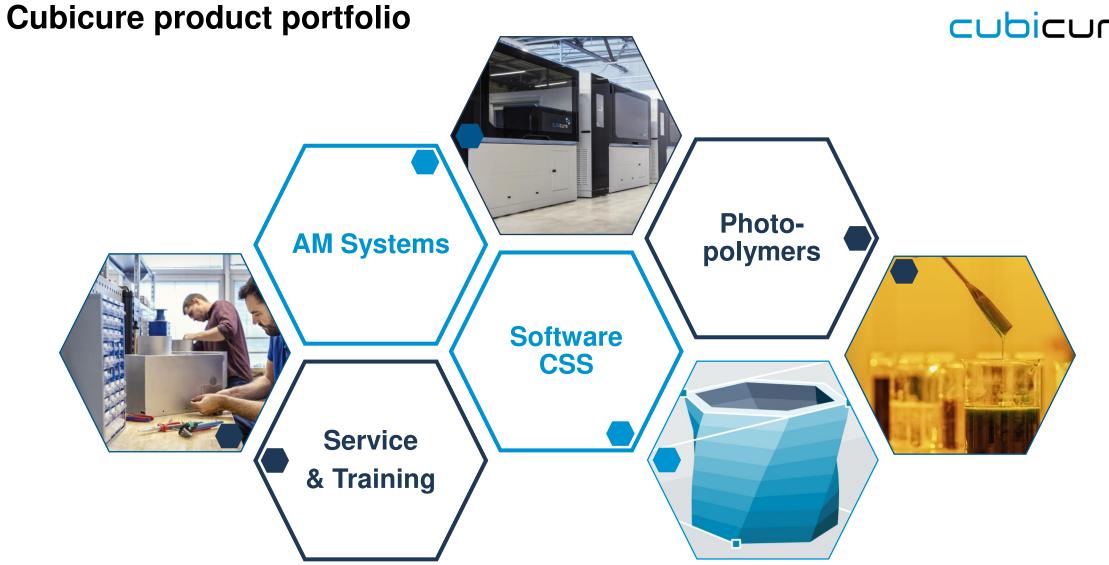
Industry-ready high-quality parts

Cubicure timeline









Cubicure material portfolio



Business cases – medical technology and electronics







Weidmüller 🗲



Cubicure 3D printers – Caligma[®] and Cerion[®]



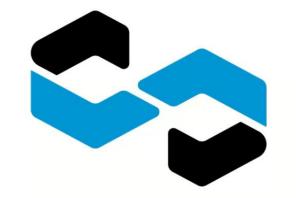






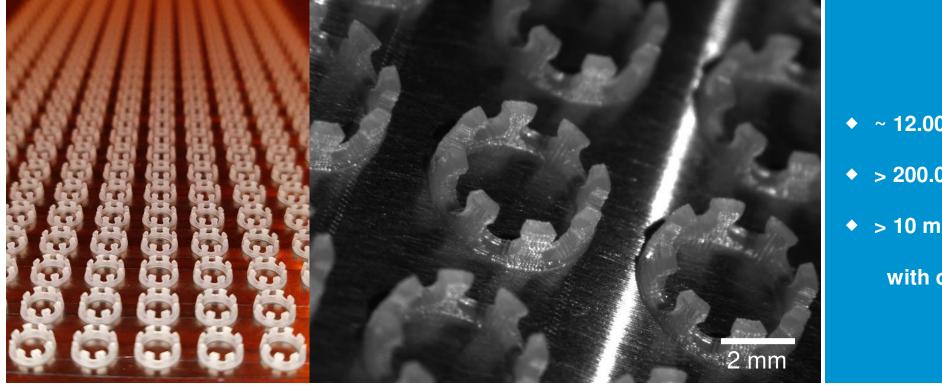
Rethink 3D printing





Cerion[®] for digital series production



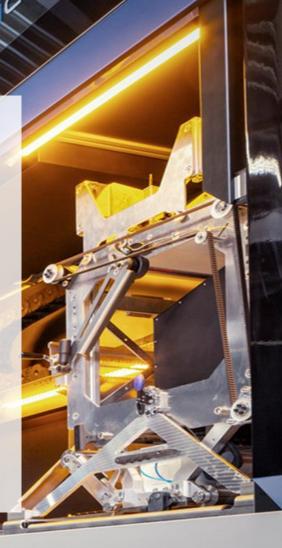


- ~ 12.000 parts per hour
- > 200.000 parts per day
- > 10 million parts per year
 - with one single Cerion[®]

Small parts with high precision and high resolution for high-throughput series production

Benefits of technology transfer offices

- TTOs support securing IP rights in third-party projects
- TTOs provide competent advice and consultation regarding IP
- TTOs enable IP transfer from universities to industry
- IP transfer helps create new companies \rightarrow new jobs
- Initial patents/licenses help new companies to protect their key technology
- Patents/licenses boost initial company valuation



A new era of digital manufacturing



printing performance polymers

Cubicure GmbH | Tech Park Vienna (TPV) Gutheil-Schoder-Gasse 17 1230 Vienna Austria

www.cubicure.com

Let's talk!



Listen in!





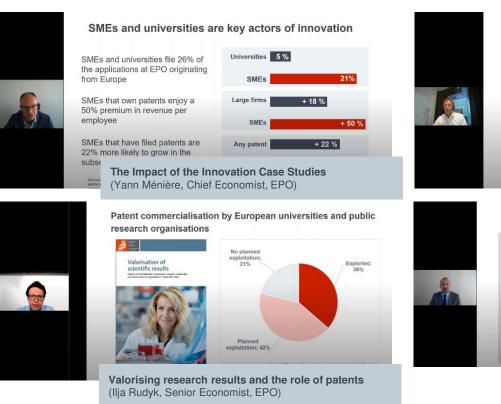
podcast

Auf Spotify hören

3D printing high-performance polymers: a technology transfer case study

Outlook: Upcoming Training Sessions & Joint Activities

Watch: Tech Transfer Training Series Kick-off



Collaborative IP management approach in Horizon Europe



Collaborative IP management in the frame of research cooperation (Jörg Scherer, Coordinator, European IP Helpdesk)

Objectives of the Unitary Patent package



(Michael Fröhlich, Director European & International Legal Affairs, PCT, EPO)

Watch: Tech Transfer Training Series Kick-off



Special Issue: "les Nouvelles"

Out now!

Our special issue of "les Nouvelles" in cooperation with the Licensing Executive Society International and the European Patent Office.

This issue is all about successful technology transfer and the value of IP rights when it comes to translating research results into innovative products or services.



https://www.lesi.org/publications/les-nouvelles/les-nouvelles-online/june-2022

European IP Helpdesk Training Calendar

Training and workshops

Live streaming available

Training and workshops

Live streaming available

H2020/HEU Project Results

14

2022

15

2022

Info days

Info days

Brussels, Belgium

Live streaming available

Live streaming available

Horizon IP Scan - Info Session

European Innovation Council Summit 2022

07-08

2022

14

2022



Registration: www.ec.europa.eu/ip-helpdesk

Keep an eye on updates



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Thank you for joining us today!

