

# Accelerating Innovation @ CERN

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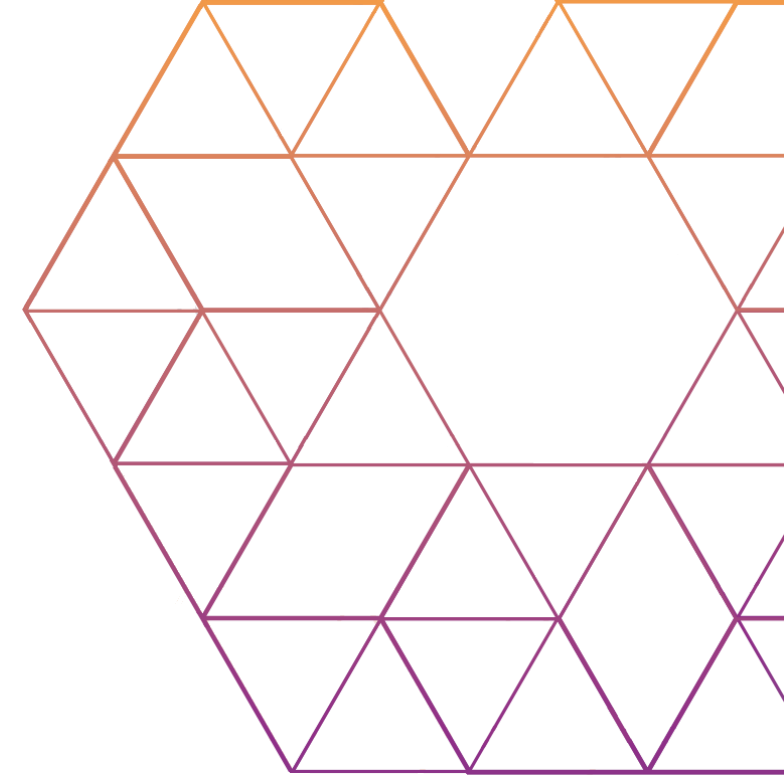
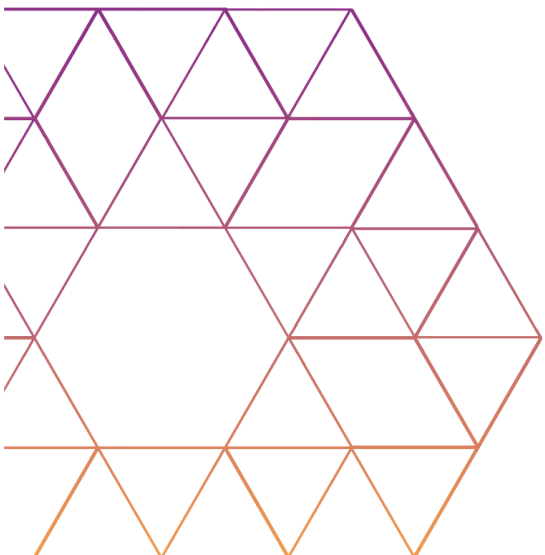
Knowledge Transfer Group  
CERN



Advise / 2<sup>ND</sup> Opinion /  
Tech Challenge from  
CERN Expert team

Collaborative R&D / Co-  
development agreements on  
specific topic of mutual interest

Challenge Based Innovation program  
with CERN Experts and/or universities  
to address specific issue



Using CERN labs / openlab for prototyping, benchmarking and testing of equipment

Licensing of CERN technology for commercial use / Support or training on using Open Source Hardware / Software

Facilitation of Knowledge Exchange by sponsoring PhD / Allocation of company resource at CERN / Use of Alumni Network

## Licence

- Access to existing solution
- Support to implement

## Consultancy/Service

- Specific issue
- Time of experts
- Time of facilities

## Contract research

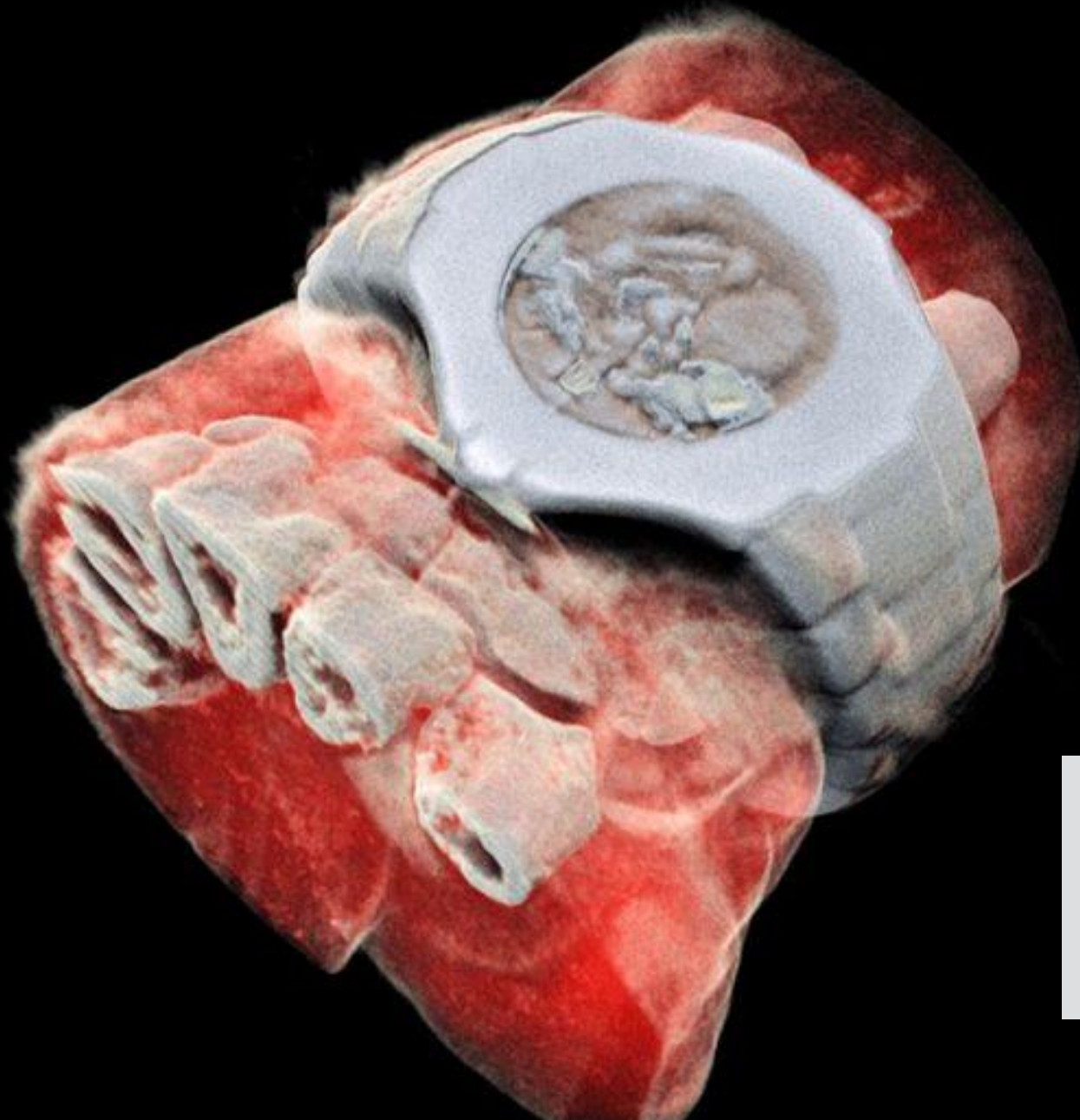
- Specific solution
- Outsource its development to CERN

## Collaborative R&D

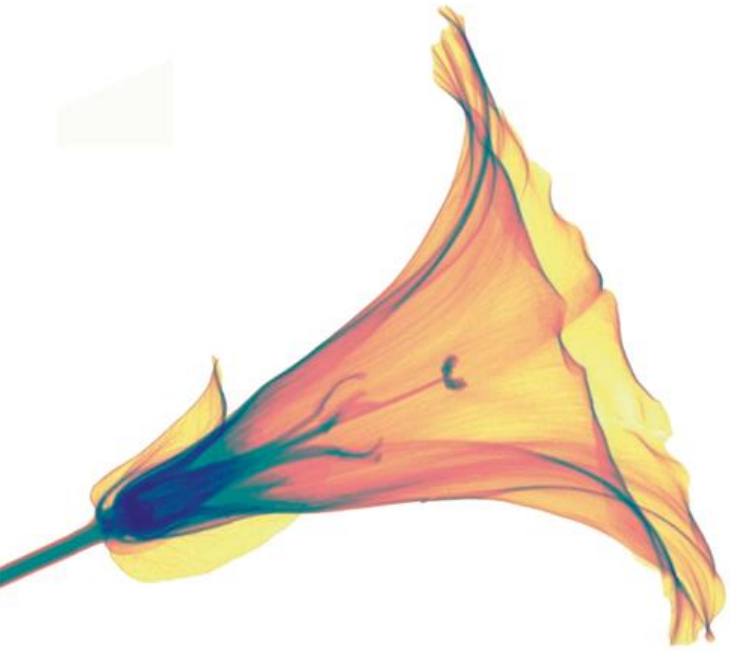
- General issue
- Jointly find solution
- Jointly develop solution

# Licence

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Next generation X ray finally in color (MARS Bio Imaging).



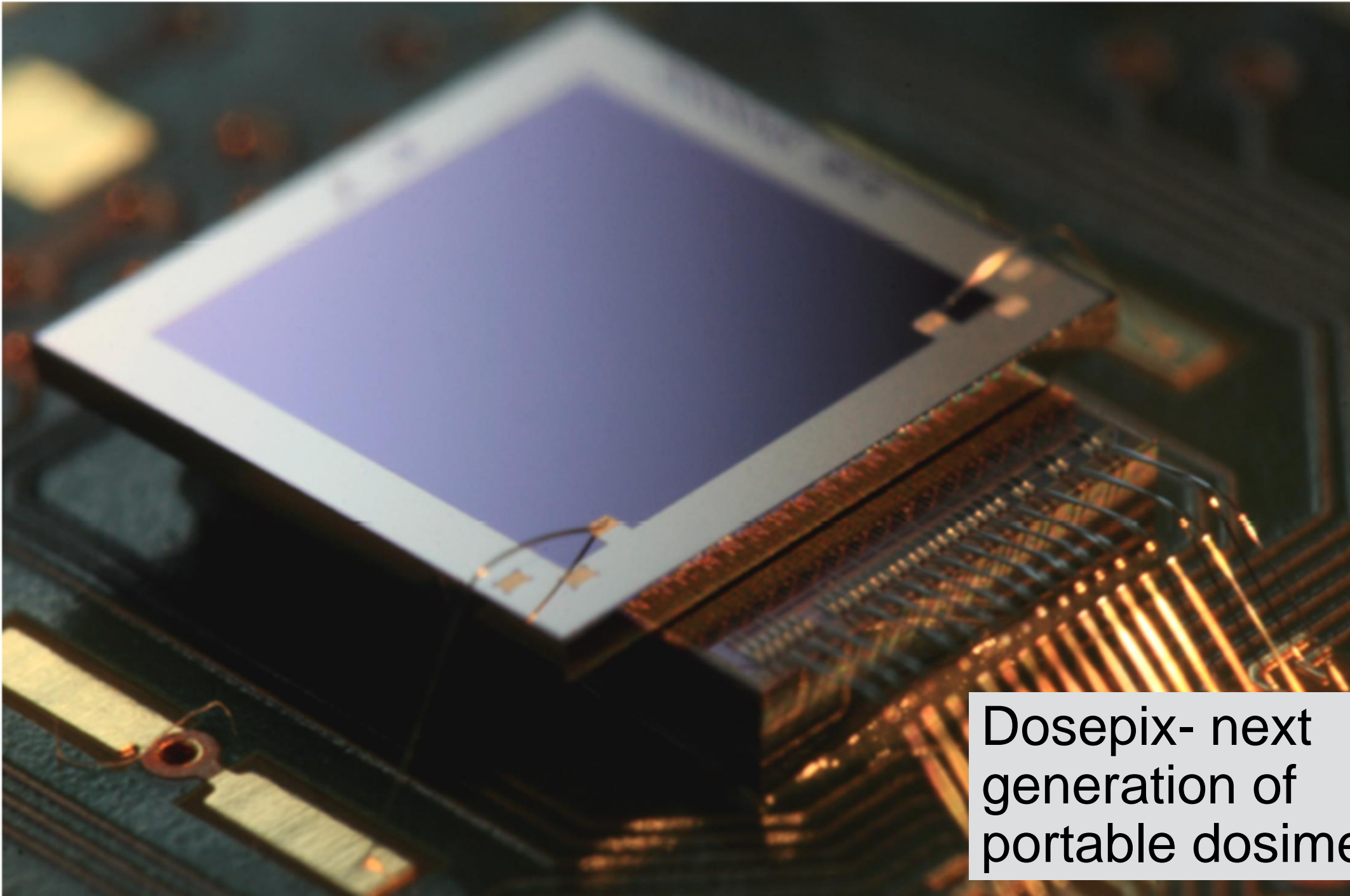
TPX3Cam fast optical  
photon camera (ASI)



# Contract research

- Specific solution
- Outsource its development to CERN

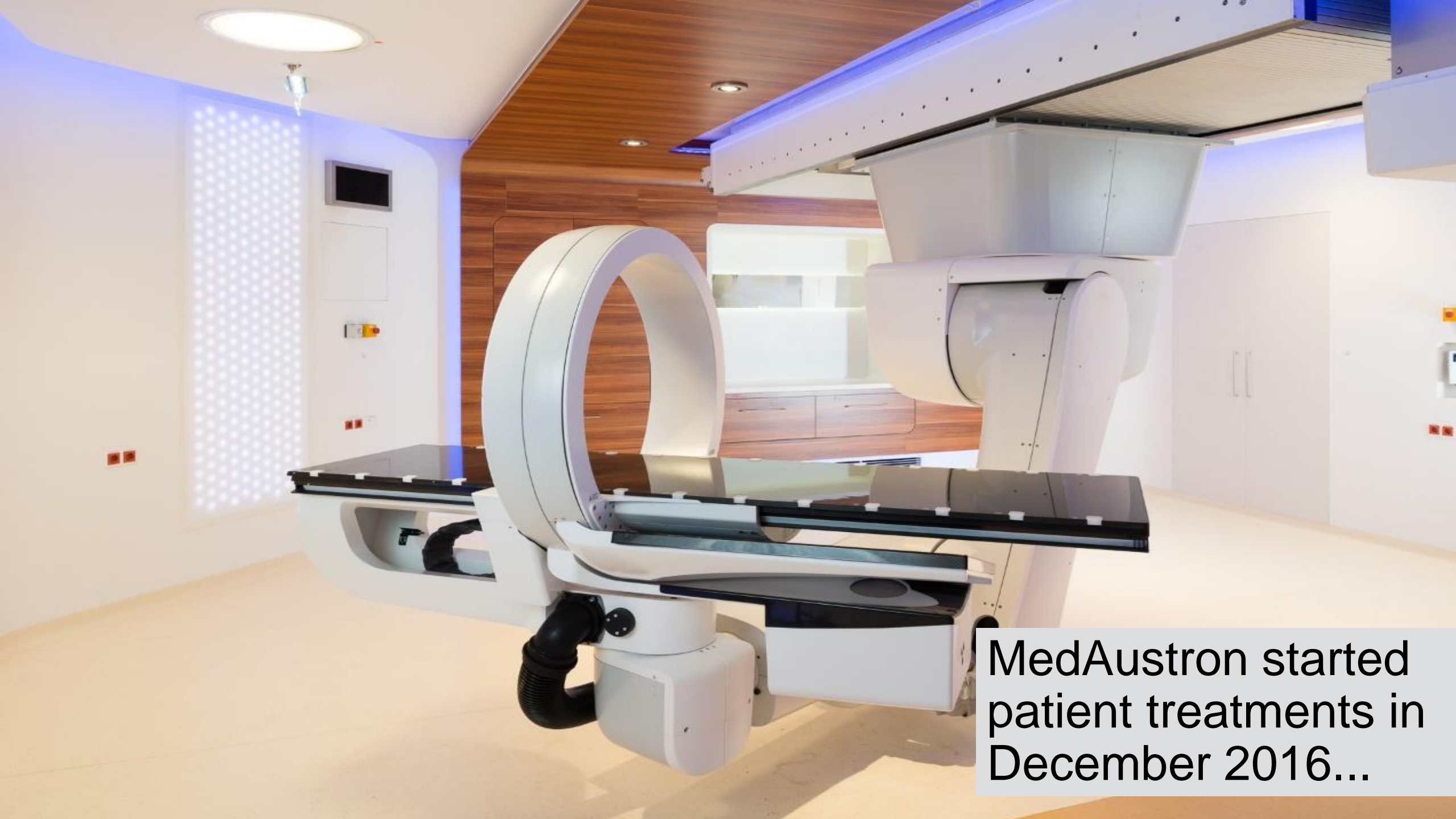




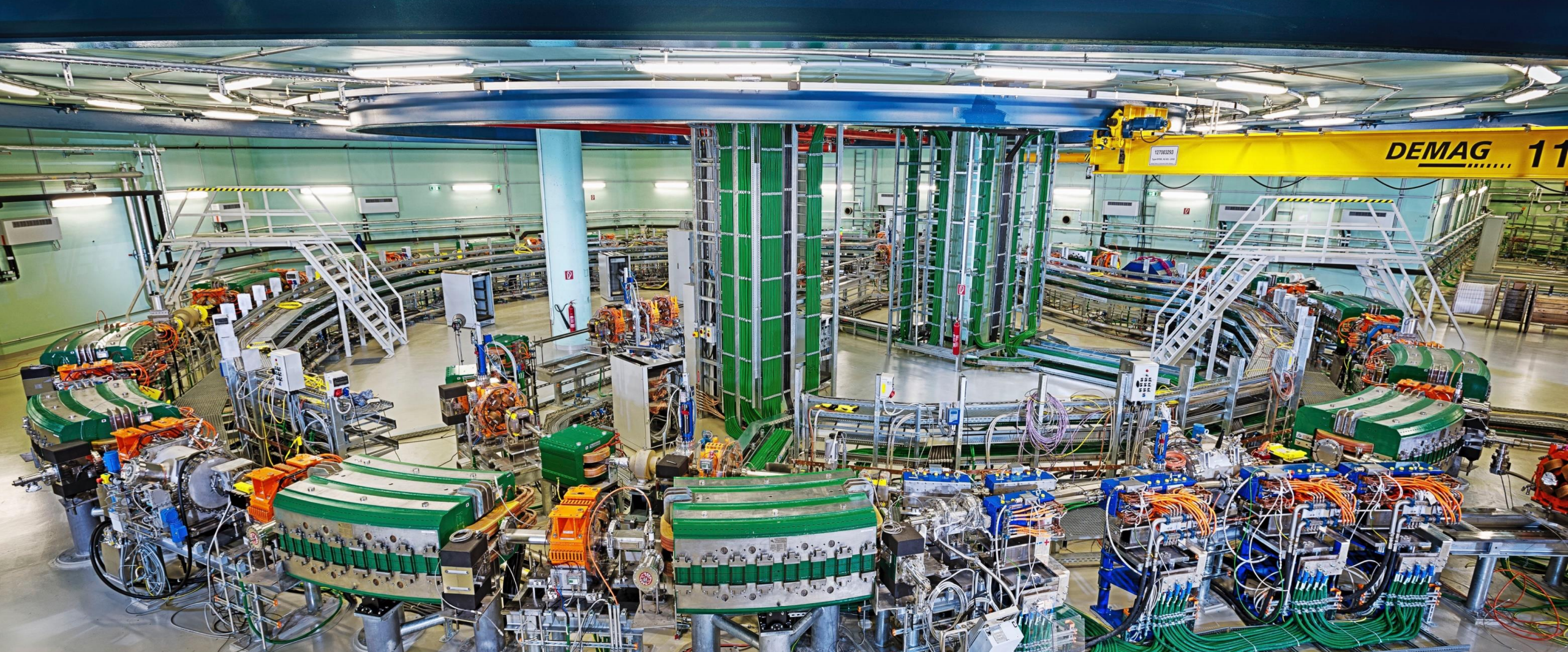
Dosepix- next generation of portable dosimeter

# Consultancy/Service

- Specific issue
- Time of experts
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MedAustron started patient treatments in December 2016...



...and is using a lot of CERN technology for its proton acceleration

# Collaborative R&D

- General issue
- Jointly find solution
- Jointly develop solution

ZENSEACT (Volvo Cars Company) teams up with CERN on fast machine learning using FPGAs.





Want to know more about it?

Book a meeting!!

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