

ECSEL PROJECT FEEDBACK

Eckardt Bihler / Dyconex

- Dyconex participates in ECSEL Projekt „POSITION II“
- Medical Devices: „Towards a New Generation of Catheters and Implants“
- Project Coordinator: Philips
- 45 partners from 12 countries
- Total budget: 42.3 Mio. EUR
Grants: 21.2 Mio. EUR
- Dyconex: 22 person month
20% grant contribution
- Project duration: 36 months
June 2018 – May 2021

Standardized connector or wireless catheter handle

Bluetooth WiFi

- F2R for extreme miniaturization
- AD conversion at the tip
- Heterogeneous integration
- MEMS for embedded US
- Integrated passives

Micro wire-chip connector

- High-speed serial link
- Optical link (MRI compatible) or standard interfaces

LASER BUS CAN bus

Reference: Position-II Project Website www.position-2.eu

Pro's

- Contacts to customers and suppliers
- Access to research institutes
- Focus on industrial needs
- Exploitation in commercial products
- Networking
- IP rights for industry

Con's

- Large effort for project application
- Long lead time until approval
- Risk approval by Brussels

Success Factors:

1. Experienced project coordinator with standing in Brussels
2. At least one customer or supplier in consortium
3. Clear objectives for product development and route to commercial exploitation
4. Research partners are interested to contribute to the defined innovations



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