

Quantum Metrology and Sensing and Quantum Enhanced Imaging

Roadblocks and Recommendations

Q&A roadblocks \leftrightarrow recommendations

REC

Q Requirements 4Q
Platform orient
Simplify "toolbox"
Explosion "Coaching"
Coordinator
Educator
Product: PLD
Pricing/Incentives

Prod. / applic.
- Tech. applic. unclear \rightarrow risk
- USP's applic. unclear \rightarrow risk
- Impr. the specs. / catching up & compete
- Meet the specs.

Understand / Comms.
- No consensus of appl. / tech.
- Definition
1 - on the basis of platform
2 - Engineering - R&D
! - Blockboxing
- Standardization

Define business case

Tech.
- see above
- fund. issues

Education / Specialization
- (a) B - Eng.

Thru

Policy takes
~~the of physics~~

Q&A roadblocks \leftrightarrow recommendations

REC

- strong competing tech.
- definition?
- miniaturization
- power consumption
- small / robust / reasonable cost
- not standard tech. (USP)
- communication / trust
- platform character not individual solutions only
- skill / education
- standardization
- policy
- (limits of integration)
- window of opportunity

- easy to integrate in apps.
- NV-Center as an example
- modular building blocks modularisation / simplification
- platform for "every one"
- emulation / hardware available