

NEW PPPs FOR BIOMEDICAL RESEARCH HORIZON 2020

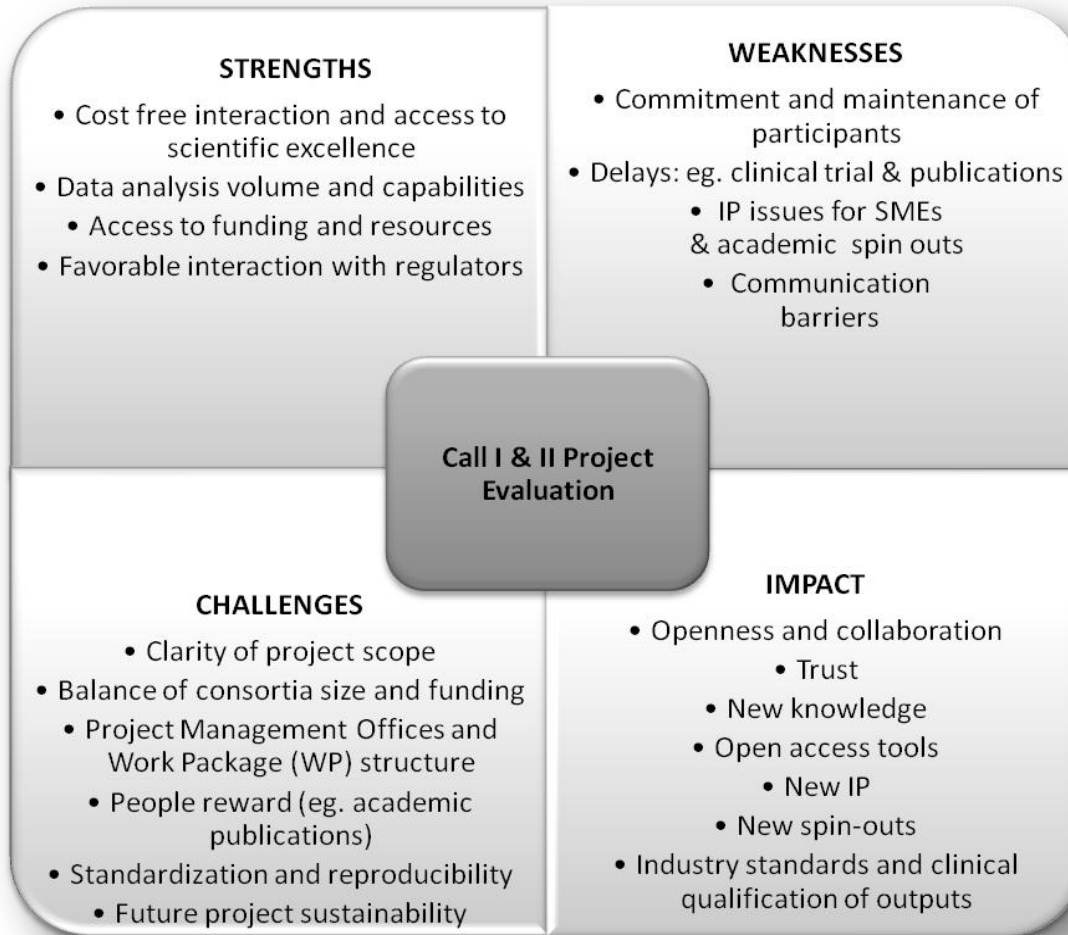
Reflections on IMI to date

- Demonstrated that companies can work together
- Large PPPs are feasible
- Gained lot of experience about what works and what could be improved
- Already showed value - datasets, IP, spinouts

But

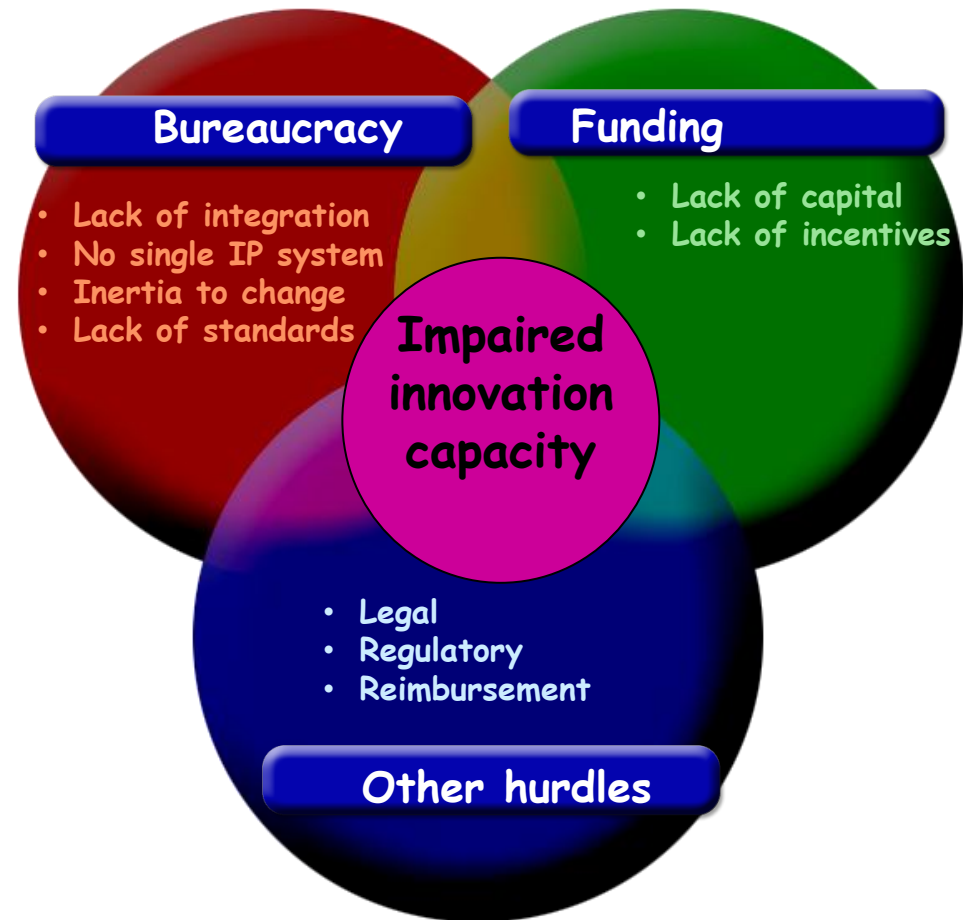
- What happens when projects end?
- Still need more SME involvement
- Potential for 'consortia fatigue'
- Exclusion of other sectors eg devices, mobile etc

IMI Progress Identifiers



Significant barriers exist in EU to innovation in healthcare

- Few cross-sector mechanisms for funding
- Lack of alignment of evaluation eg for reimbursement
- Many uncertainties
- Lack of commercialisation and access
- These issues are especially acute for SMEs



A personal example: fatigue in MS



VCs and pharma wont invest



New co. has therapy



Patients should work



Patients are too tired to work



My patients need a treatment for their fatigue



We wont say if an effective treatment will be reimbursed
No approvable endpoints

Cross-sector recommendations from iNOVAHEALTH

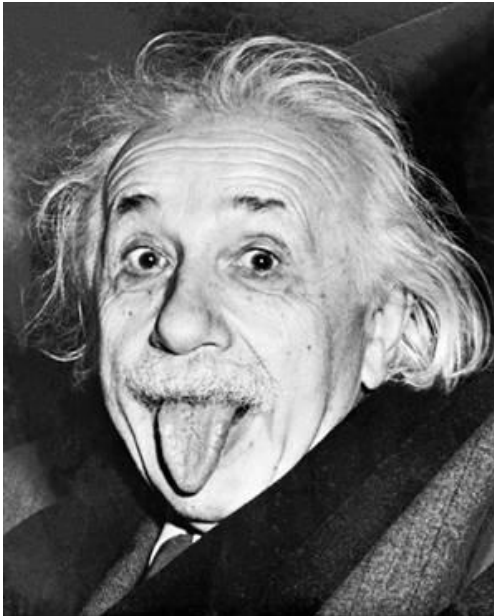
- Stimulate Open Innovation in healthcare via interlinked initiatives to support the strategy and ensure these are integrated with current initiatives of relevance
- Adopt new funding mechanisms especially to support SMEs and the development of an Open Innovation ecosystem for healthcare
- Decrease regulatory burden and uncertainty
- Increase incentives for collaboration across the value chain
- Accelerate progress to a harmonised EU patent system



Some reflections for the future

- Build on learnings of the past
 - Don't lose the knowledge, networks, expertise, datasets
- Think **BIG** and aim **HIGH**
 - Integrate across initiatives
 - Stimulate cross-sector collaboration to build ecosystem
 - Fund infrastructure
 - Look at wellness and prevention as well as treatment
 - Attempt the impossible
- Address regulatory and access uncertainty especially in new areas
 - Make it easier for new technologies to be commercialised in the EU
 - Make it easier to combine technologies in the EU
- Cross-country as well as cross-company/sector
 - Make it easy/simple

Remembering that....



*Problems cannot be solved
by thinking within the framework
in which the problems were
created*