



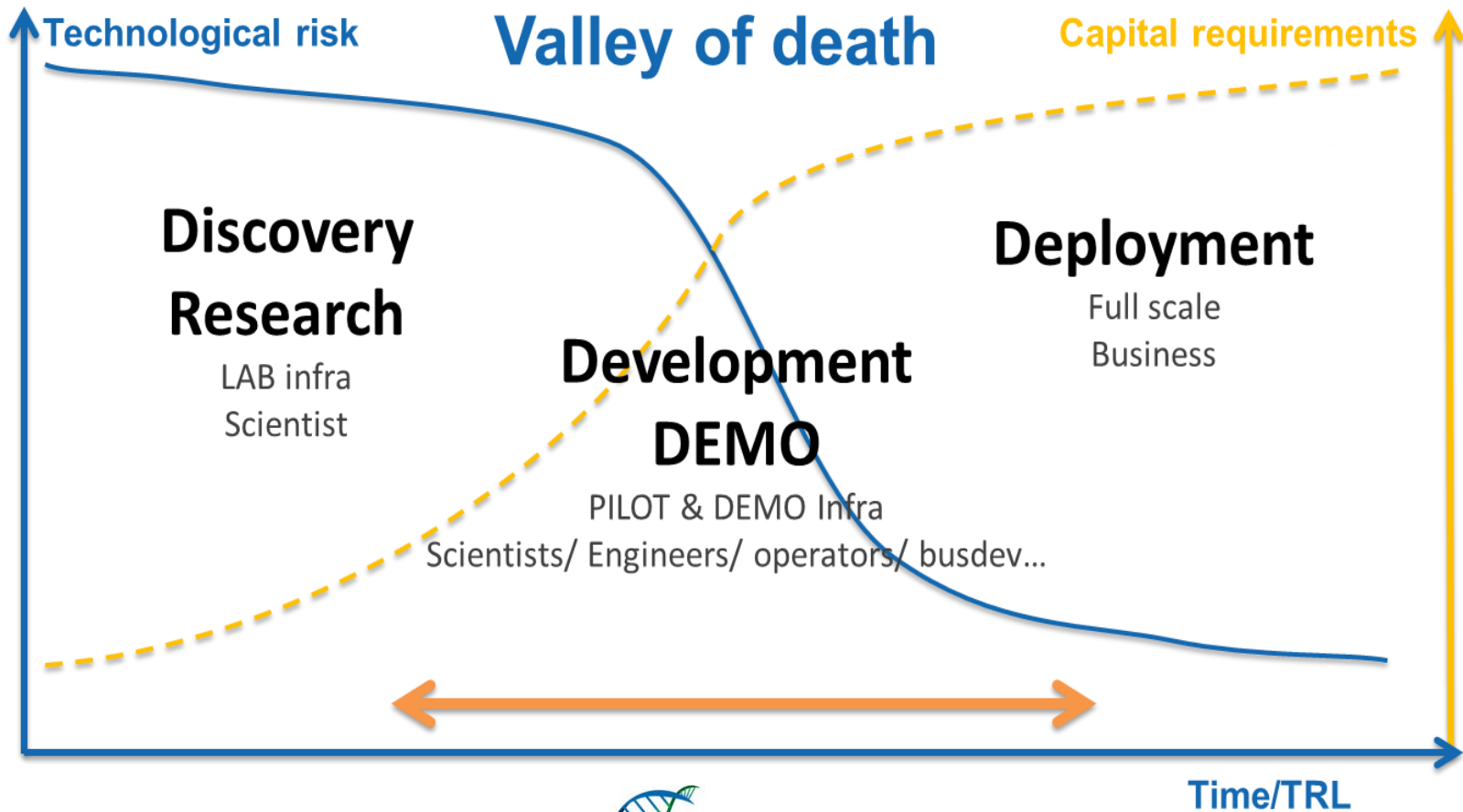
# Bio Base Europe Pilot Plant

## Turning Grams into Tons

### Scaling Up

Ottawa, 7 Nov 2018

# Bridging the Gap



# Business Model

## Open Innovation Projects



- Independence
- Flexibility
- Confidentiality

### Service Projects

**Confidential**

- Bilateral contracts with companies
- >300 projects for >200 companies

### Consortium Projects

- Partly Funded by:  
BBI-JU, Horizon 2020, Interreg, ...
- 24 ongoing projects
- Global Network  
along the Innovation Chain

HORIZON 2020



# From Biomass to Refined Product Under One Roof



→ **Pretreatment**



**Biocatalysis**

**Fermentation**

**Green Chemistry**



**Downstream Purification**



# Project examples



(former Dyadic) C1 fungal strain: enzyme production at 15 m<sup>3</sup> scale



Specialty fatty ester as aroma chemical for musk application  
First commercial production >1 metric ton



Valorization of sugar beet pulp. Arabinose for application testing and market sampling



**Carbosurf**

Glycolipid Biosurfactants (sophorolipids, rhamnolipids) and specialty carbohydrates (HMO's). Market sample production

