

# Good ID

- ID is no goal in itself, but it can help:
  - to further science, even D knowledge
  - to help to solve GSC
- Good ID might need MD
- Good MD/ID need strong *attractors*  
(*inspiring people, ideas, solutions*)
- Good ID/MD takes *time and experience*
- Good ID/MD asks for shared aims/goals

# D vs ID/MD/CoCr

- D vs ID/MD/CoCr is no good marriage because of
  - institutional barriers
  - scientific cultures

*relates to:*  
power positions & budgets  
interests, inst. objectives

> conflicting demands; cannot be solved by PhD's
- D might even grows apart from ID/MD
  - D ever and ever more in the 'details'
- Institutional / disciplinary silos have the tendency to stick to the established system

# D vs ID/MD/CoCr

- combining those in one program could be fascinating, but bears risk:
  - due to ‘scientific excellence’ D might prevail in evaluations that are not sufficiently tuned to ID/MD
  - when participants go back to homebase, all is D again
- possible solutions (1<sup>st</sup> bullet):
  - dual evaluation, staged evaluation (ID/MD *first*) or combined evaluation
  - appropriate evaluation criteria
  - appropriate evaluators

# Interests

- in MD, be aware of different and even opposing interests:
  - for science, digging deep in a problem can be in itself already be rewarding
  - doing research is the core business for academia, so in science an important recommendation is to do more research
  - in practice, a solution orientation might force to take shortcuts & approximations (not sci-sound)
  - different actors have different KPI/success criteria

# Funding

- ID/MD/CoCr need more flexible funding schemes:
  - possibilities for *quick/shorter* tracks and short lead times in call processing (i.e. ‘sand pit’ model)
  - possibilities for *long/longitudinal* tracks & follow up actions
  - support for Living Lab mechanisms over longer time
  - support for networkmanagers & intermediates

# Institutions & Cultures

- For ID/MD, institutions & cultures need to adapt (or to chose) – get out of the straitjacket
  - valuing/assessment systems for tenured staff & PhD's
  - ranking journals – introducing ID high ranking journals?
- Learn from institutional experiences (like LDE, AMS in NL and DRI, Inst. @ TU Delft) (collaborations of uni <> RTOs in Germany, France)

# Stakeholders in MD

- stakeholder/user involvement:
  - put energy in finding the right people
  - funding conditions have discriminatory effects (f.i.: some actors cannot provide ‘own contributions’)
  - not only ‘gender’ balance, also balance in ethnic, social, minority & age groups
  - ensure early involvement of stakeholders, f.i. in ‘Sand Pit’ approaches
  - broad citizen/stakeholder involvement is usually helpful, new instruments can help out (be aware of free-ridership)

# Generic obs. (AvB only)

- we need to understand motives (aims, ambitions) and interrelations between main actors in programming, funding and execution
- we need to understand crucial decisions processes (program & call formulation, evaluation, ...) to have effective recommendations
- maybe we need a SWOT on ID/MD/CoCr, because these approaches also have negative aspects