

Success and failure factors of 100+ innovation projects for valorisation of residuals from (waste-)water

> 3 JUNE 2022 Olaf van der Kolk

> > Next GeN

PARTNER EVENT #EUGHENWEEK 30 MAY - 5 JUNE 2022





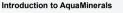


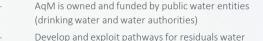












treatment

Not-for-profit broker on behalf of water utilities

Acts between public and private





















Activties AquaMinerals

- Research & innovation
- Quality control
- Supply chain management
- Sales
 - Procurement (transport, processing, storage)



















Inspiration booklet

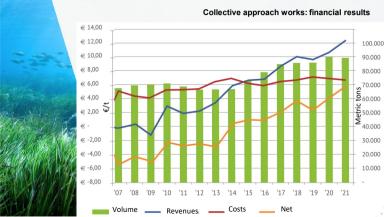
www.aguaminerals.com/downloads







Agro-fertiliser









Reports (etc) on

www.nextgenwater.eu

companies and profile of each company

Research on succes- and failure factors valorisations projects

























- AqM performed ~100 valorisation project over the last 10 years
 - Extensive charaterisation per project: e.g. place in Ansoff matrix, subsidized, involvement 'market', etc
 - Division in (partly) succesfull and (partly) unsuccesfull
 - Finding longlist of failfactors based on interviews





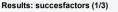












- 61% projects (partly) succesfull

Adding to succes rate:

- Marketpenetration (existing product&market)
- High TRL
- Involvement market (€ & knowledge)
- Most important partner 50-250 employees





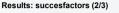












Neutral impact

- Planned or spontaneously
- Product development (new product, existing market)
- Involvement enduser
- Subsidy
- Drinking water residuals















Less succesfull (than average)

- Market developement (new market, existing product)
- Enforced by supplier (supply driven)
- Materials from municipal wastewater

















(Former) Project managers gave points to longlis failfactors

- Technology insufficiently developed
- User/market chooses linear resource
- Insuffient recovered material available for business case and/or application
- Insuffient funding for next phase















Using the results

- For EU: more targeted policy
- AqM & partners: tool for prioritising projects
- AqM & partners: tool for optimising projects















On our way to a circular economy let's stay energetic and persistent: do the right thing individually in a holistic perspective

Thank you for your attention













