

Banger Polder pilot (Semarang) Experiencing institutional development

13 september 2023

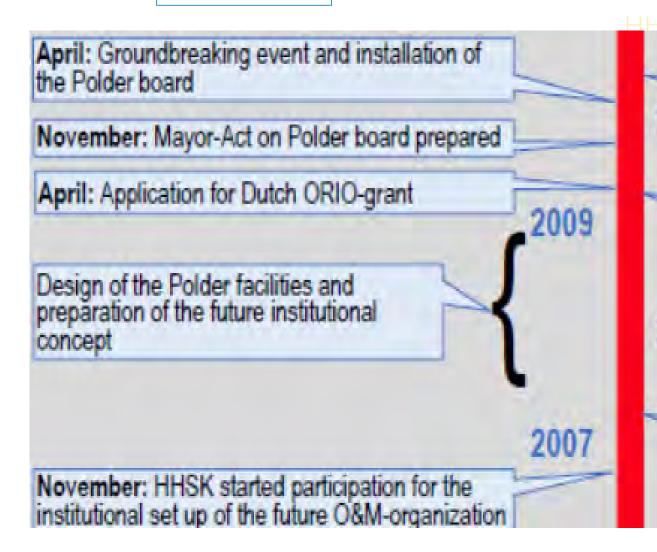
R. (Roy) Kraft van Ermel

J. (Johan)Helmer





Timeline



January: Introduction of water retribution for residents and business in Banger Polder area

2017

August: Official full scale start Banger polder

Finalizing technical facilities Polder including the final dam, dredging and connecting retention basin

September: Provisional damming of the Banger

Electromechanical completion of the pumping station

January: Municipality takes over the control

December: Rejection of the assigned ORIO-grant by Ministry PU (argued on basis of unachievable conditions to be met)

2010 dredging secondary canals

April: Festive handover of the technical design and work plan of the Banger polder to the Ministry of PU and Municipality by W+B

2008

February: Successful submission of the Design proposal and work plan by Witteveen en Bos (W+B) to the Dutch Partners for Water program



THE CBO BPP SIMA 2012/Today

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Groundbreaking ceremony























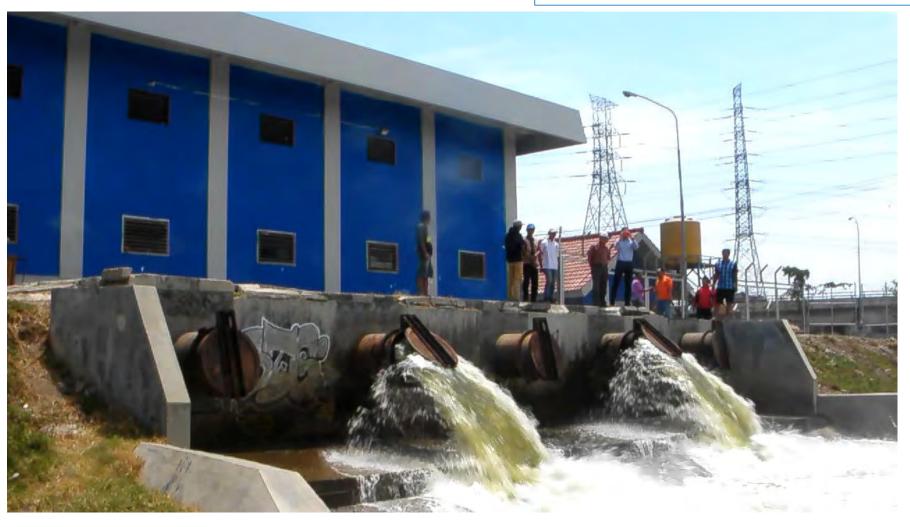


August 2017 Official commissioning of Banger Polder





August 2017 Official commissioning of Banger Polder



https://youtu.be/j5e2gGNc1C4



A dry polder brings quality in life

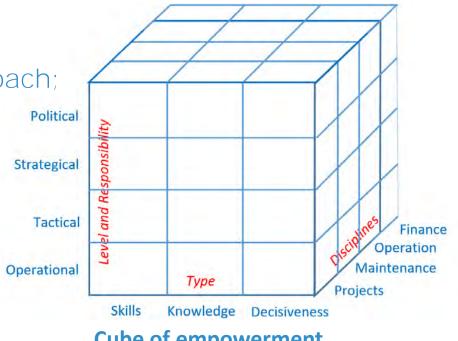






Our Lessons learnt

- Set achievable target expectations instead of concrete targets;
- Invest in good (personnel) relationships
- Be involved and attend regularly
- Be careful about raising expectations
- Avoid flanking initiatives
- Institutional development requires a process approach;
- Take on your role in an advisory capacity;
- Check activities in the cube of empowerment
- Be patient;



Cube of empowerment



Institutional

- No flooding of Banger area Since 2017 resulting in satisfaction;
- CBO SIMA still functioning as intermediary between residents and Municipality;
- Department PU of Municipality responsible for operation and maintenance
- Water tax not (yet) introduced;

Technical

- Retention basin not developed yet (pump capacity increased);
- Water-defense walls around the quays in the port prevented further strengthening of Northern dyke;
- Redistribution of the discharge of the Semarang River prevented further strengthening of the eastern dyke;
- Lack of reservoir walls limits the water storage in the Banger.



Costs Institutional development

The financing of an International project for collaboration is a project in itself

- Starting in 2007 on invitation and financed by VNG International LOGO South;
- In 2009, the LOGO South's budget was partly cut;
- In 2010, parliamentary questions about the justification of the involvement of lower authorities, like water boards, in International collaboration led to the cancelling of the Banger Polder pilot by the LOGO SOUTH program.
- Alternative financers were found in 2011 in the Ministry of Foreign Affairs and the Dutch Water Bank (NWB).
- In 2011 the foundation Aqua For All also donated some budget to compensate the losses.
- By saving personnel costs declared to the VNG and NWB we managed to finish the project in 2018 with no deficit

Budgets and financers

Financer	Period	Budget
VNG LOGO SOUTH	2007/2010	€ 180.000
NWB	2007/2018	€ 100.000
BUZA	2011/2018	€ 165.000
Aqua4All	2011	€ 25.000
HHSK (personeel)	2007/2018	€ 420.000
Total	2007/2018	€ 900.000

In average 3 missions per year = € 25.000/mission



Costs Polder-investments

The investments in the Banger Polder have been entirely payed by the Indonesian governments

(National Government, Province of Middle Java and Semarang)

- In April 2009, Witteveen en Bos submitted an application for partial financing of the Banger Polder to ORIO (Dutch arrangement for Development-relevant Infrastructur).
- The requested size of this request was approximately one third of the expected investments.
- However, the conditions associated with the ORIO gift were unacceptable and sometimes unattainable for the Indonesian partners;
- After many negotiations, the Indonesian parties decided to renounce the ORIO grant;
- The application for the ORIO-grant was cancelled in 2012;
- In 2014 the Minister for Foreign Trade & Development Cooperation decided to stop the ORIO program.