

AMICE

Work package 3 : Pilot investments

Pumping installation at the lock of Ham on the Albert Canal

nv De Scheepvaart, Flanders-Belgium





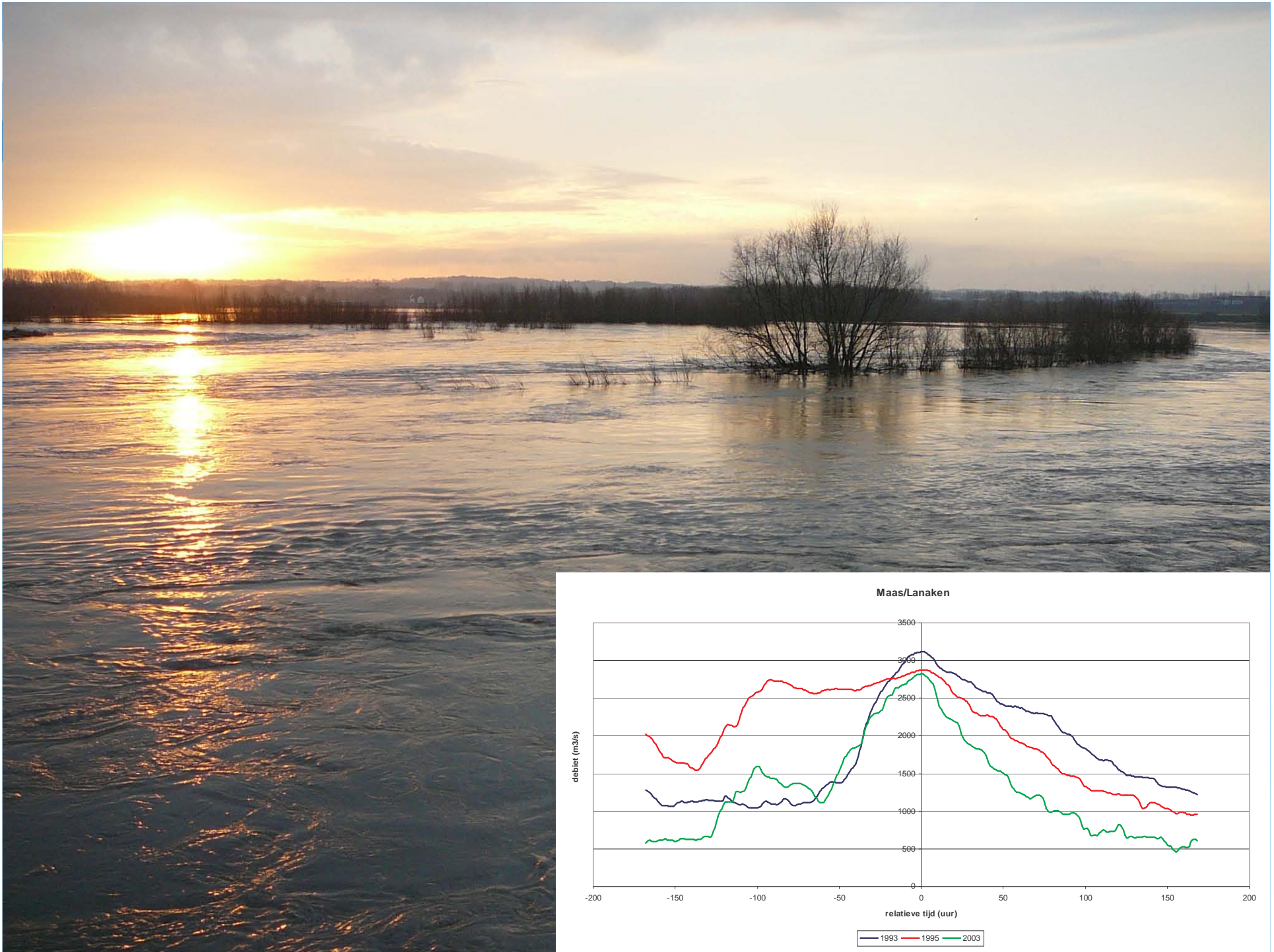
Different functions

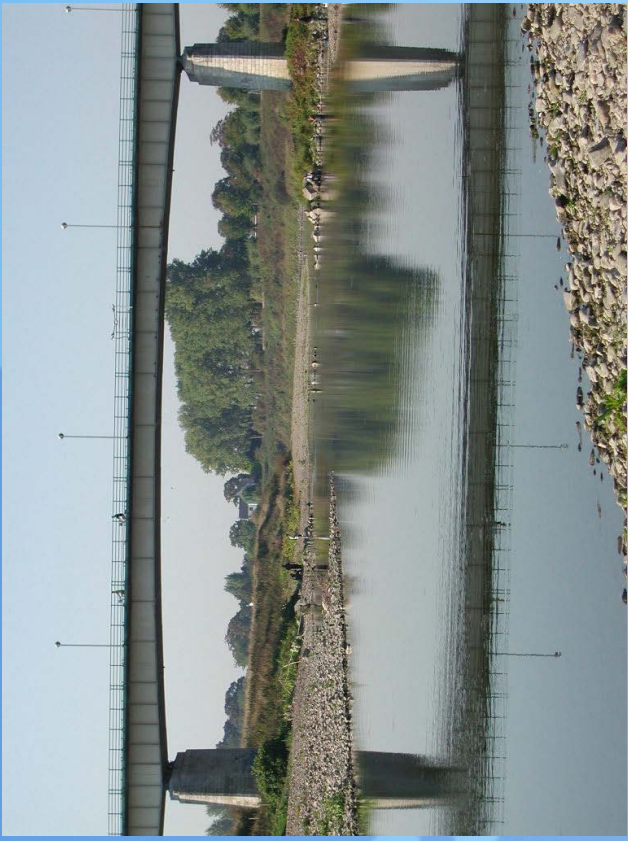
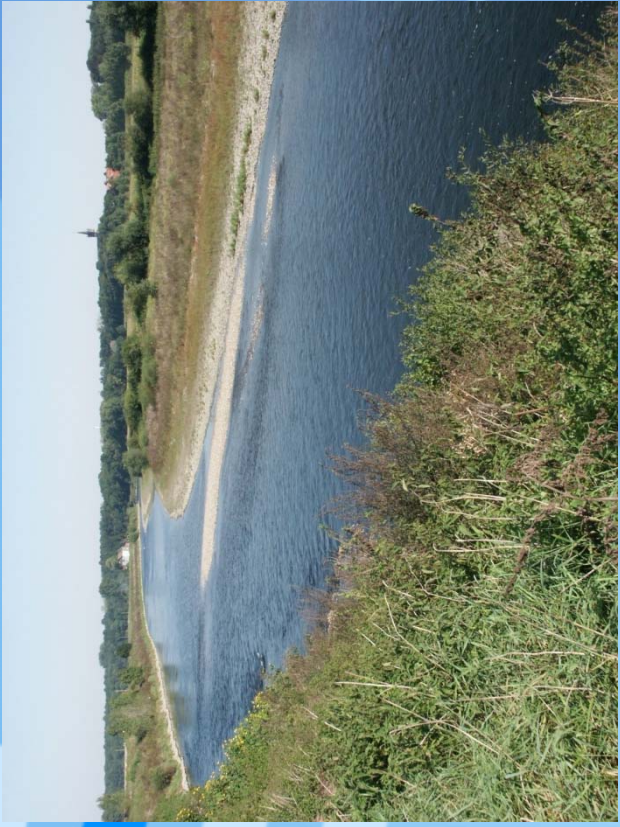


Waterkrachtcentrale
Zuid-Willemsvaart - sluis 17
Lozen
projectkenmerken
waterturbine
geïnstalleerd vermogen: 100 kW
verval: 2m84cm
waterdebiet: 5000l/s
elektriciteitsproductie: 800.000 kWh/jaar (= jaarverbruik 250 gezinnen)
in dienst sinds juli 2000

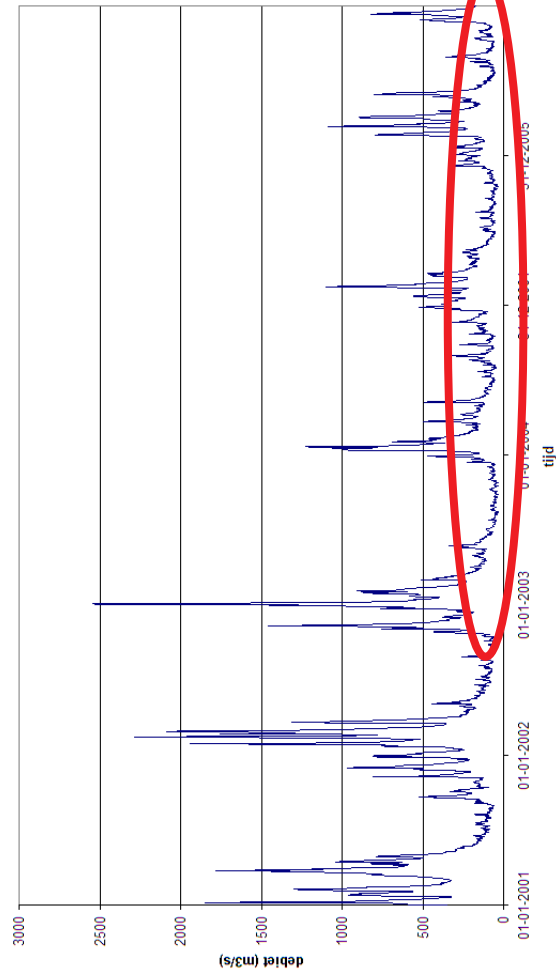
Scheepvaart
Bocht
Aspiravi



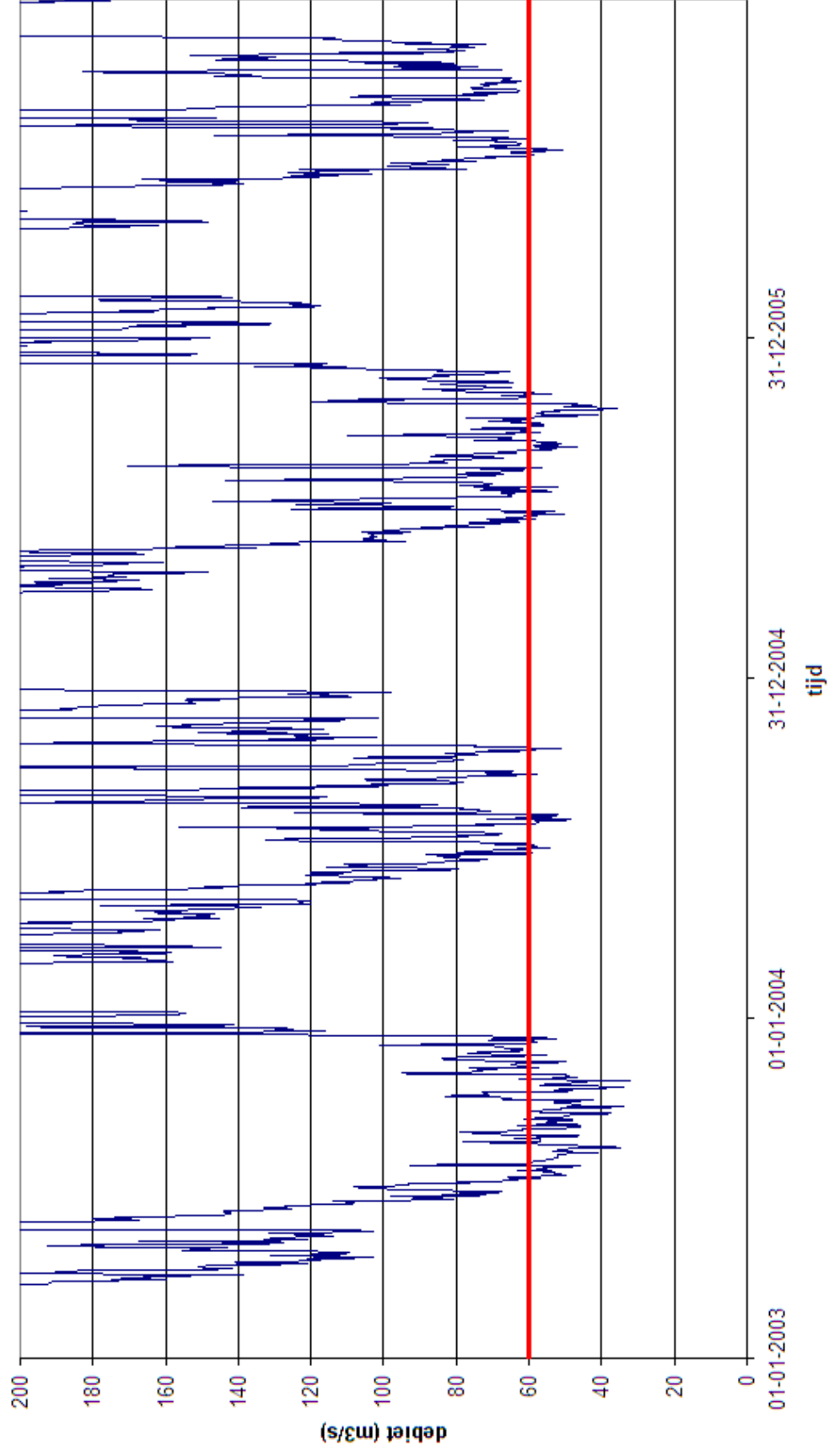




Maas/Luik



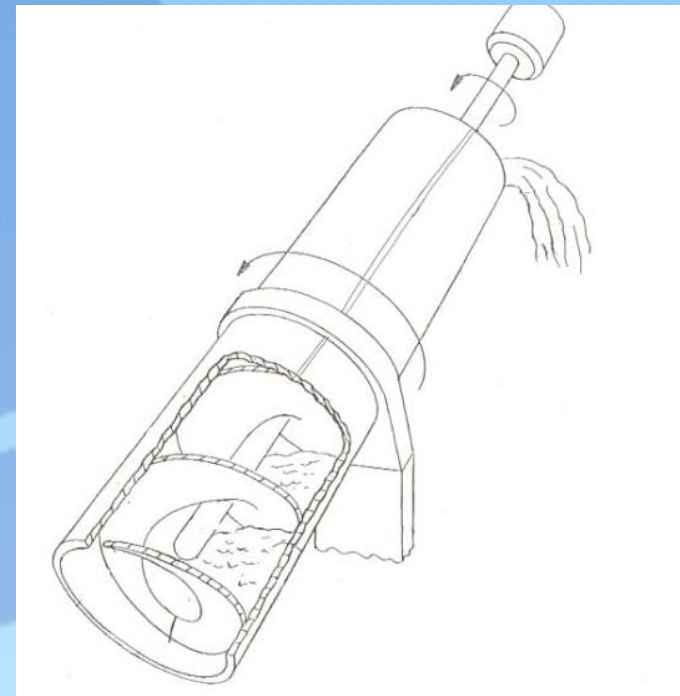
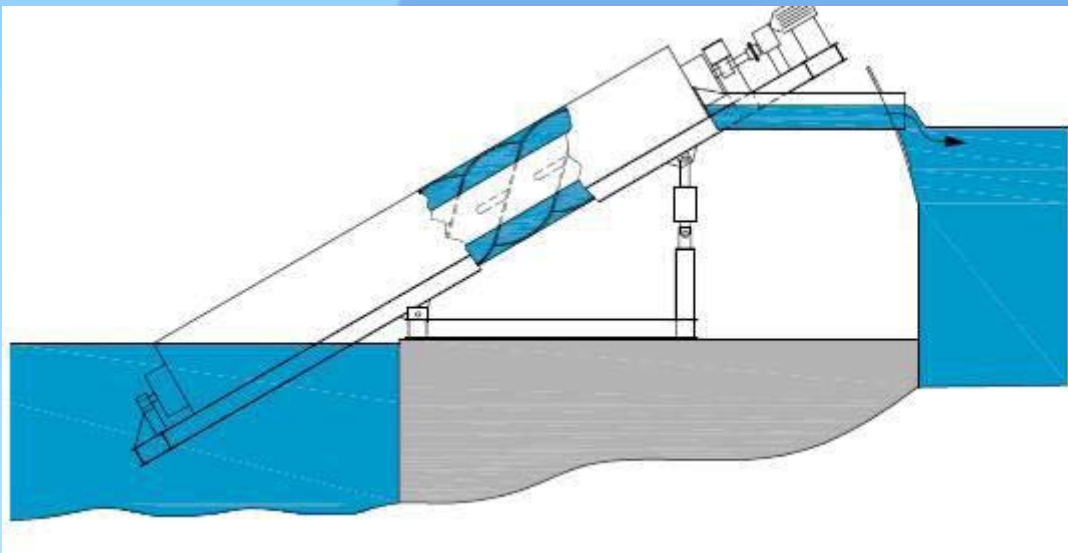
Maas/Luik





nv De Scheepvaart

Each lock :
pumping capacity 15 m³/s
fall : 10 m



Planning of the project

2007 – 2009 : environmental impact assessment,
building permit,
cost-benefit analysis

2009 : tender

2010 : start project

Spring 2012 : start exploitation

Actual situation



art