

BELGIUM



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General

Belgium - officially the Kingdom of Belgium - is bordered by France, the Netherlands, Germany and Luxembourg. The country has an area of 3.05 Mha (million hectares) with, in 2022, a population of 11.7 million, or 3.80 persons per ha (Wikipedia and United Nations, 2022).

Climate and geography

The climate is maritime temperate with precipitation in all seasons. The average temperature is lowest in January at 3 °C and highest in July at 18 °C. The average precipitation per month varies between 54 mm for

February and April, to 78 mm for July.

Belgium has three main geographical regions; the coastal plain in the Northwest, the Central Plateau and the Ardennes uplands in the Southeast. At Belgium's southernmost tip there is a small area, Belgian Lorraine. The coastal plain consists mainly of sand dunes and polders. Further inland lies a smooth, slowly rising landscape irrigated by numerous waterways, with fertile valleys and the north-eastern sandy plain of the Campine (*Kempen*). The thickly forested hills and plateaus of the Ardennes are more rugged and rocky with caves and small gorges.

Dendooven and Lippens (1968) described that since the 2nd century BC there were three important periods of flooding: Duinkerke I, II and III. During these periods the peat lands were covered with clay and sand. The Duinkerke II period took place in the 4th century. They state that since then small-scale endiking took place. Duinkerke III occurred between the 10th and 12th century. This flooding is divided in two phases. In the 10th century there has been the Duinkerke III A-transgression, which created the Zwin. To prevent expansion of the flooded area the Blankenbergse dike was constructed, running from Brugge to Blankenberge. Later a second dike was constructed from St.-Pieter-op-de-dijk to Uitkerke.

Ameryckx and Verhulst (1958) mentioned that the Duinkerke II, or Karolinic transgression took place from the 5th till the 8th century and from the 10th till the 12th century the Duinkerke III B, or Postkarolinic transgression. The last transgression has resulted in the creation of the Zwin, the IJzer estuary and the most important dikes in Belgium.

Drainage has been undertaken since the 12th century. Drains of various order collected the water and discharged it to the main outlet drains, which discharged during low tide through sluices into the North Sea. This has resulted in a surface level up to 5 m below high tide level (Group Polder Development, 1982).

Antwerp is protected against flooding by a quay wall along River Scheldt. In the Master plan for Antwerp is foreseen that the quay wall will be raised with 0.90 m. The middle part will be made movable.

In Lillo near Antwerp there is a polder museum. Tolhuisstraat 10 – 16, 2040 Antwerpen – Lillo. Tel.: +32 485 614832. E-mail: boekingenpoldermuseum@gmail.com. In Knokke-Heist there is the museum Sincfala. Pannenstraat 138, 8300 Knokke-Heist. Tel.: +32 50 530730 E-mail: sincfala@knokke-heist.be.

Existing polders

Ameryckx (1959) described the origine of the seapolders in Belgium. In his publication there are three maps where these polders are shown, being the polders of Oostende (Figure 1), polders and dikes northeast of Brugge (Figure 2) and polders and dikes in the IJzer estuary (Figure 3). He also gives many names of polders.

Boterberge (1962) showed a map with the polders along the coastal area (Figure 4). Dendooven and Lippens (1968) described that in the flooded area of the Zwin from the 13th till the 19th century several polders have been constructed. They mentioned in the course of the 13th century: St-Jops Polder, Greveninge polder and Vardenaarspolder, They also showed a map on the situation with respect to polders in the Zwin area in 1667 (Figure 5). Figure 6 shows the polders and dikes in the Zwin area in the present situation (Tavernier and Ameryckx, 1970).

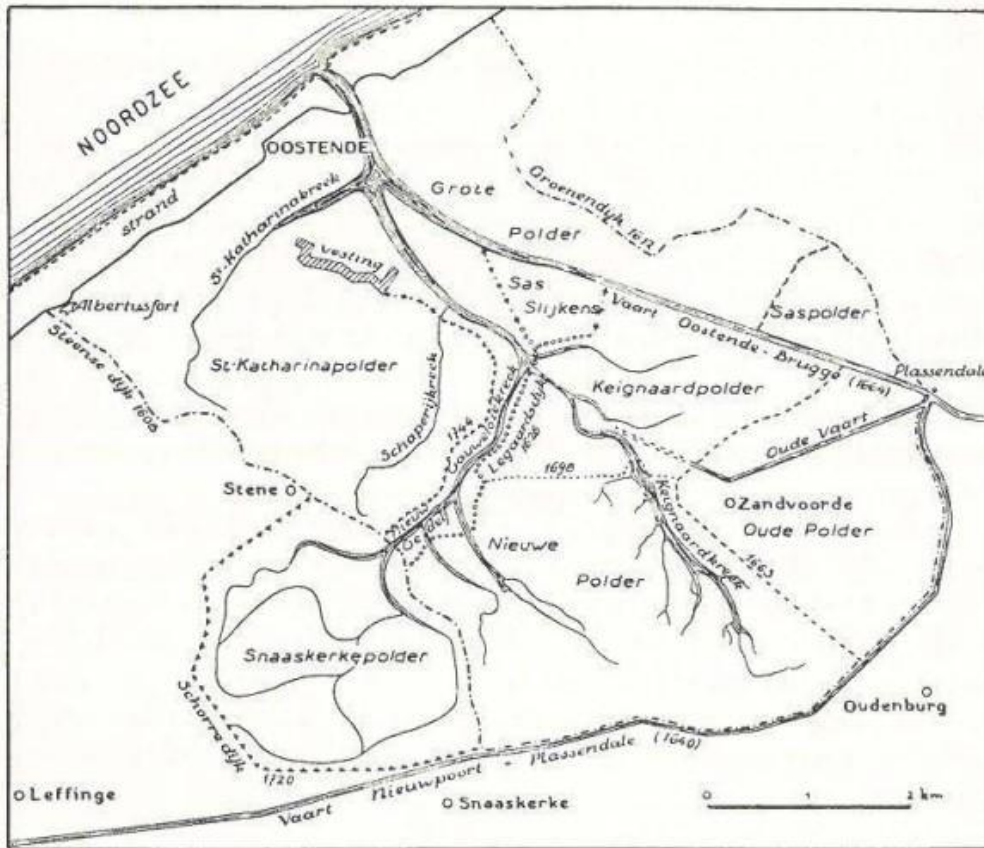
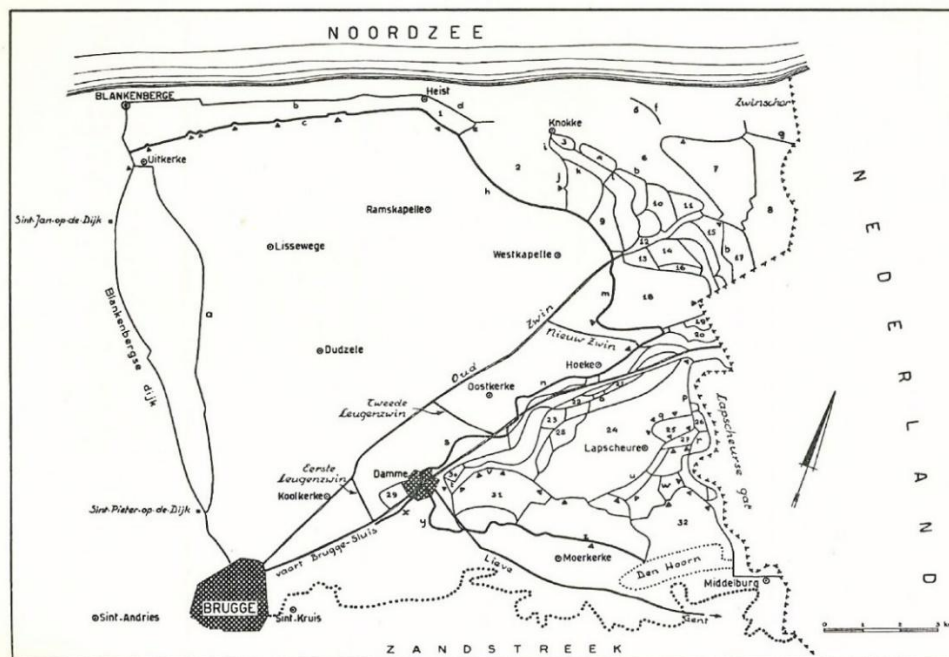
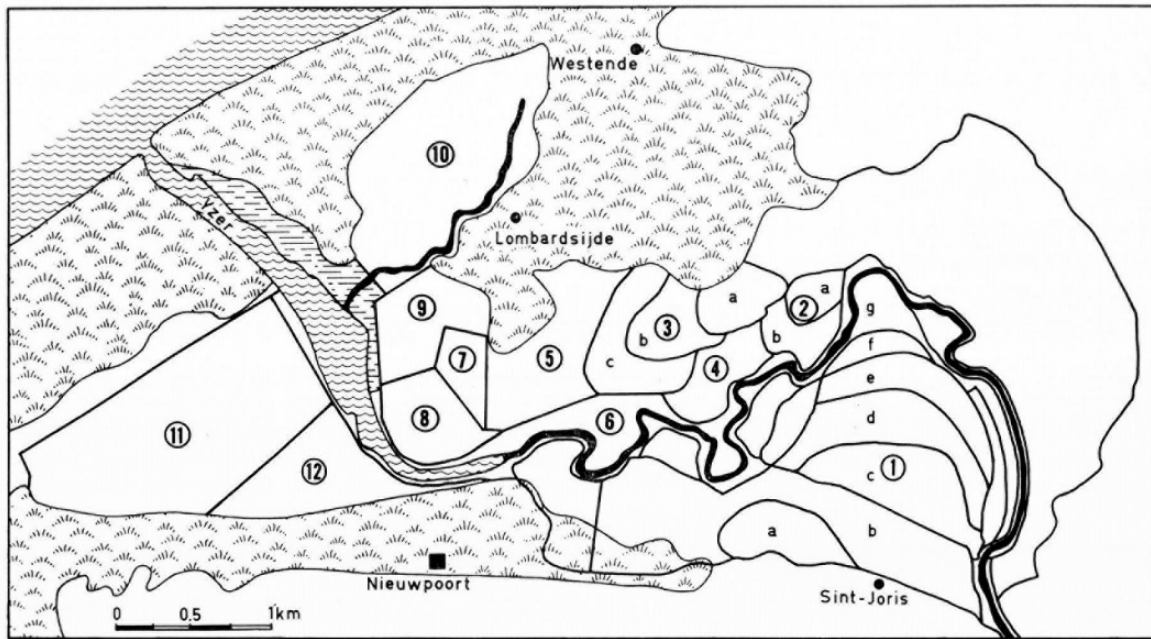


Figure 1. The polders of Oostende (Ameryckx, 1959)



1. Pannepolder. 2. Vardenaarspolder. 3. Papenpolder. 4. Mager Schorre. 5. Zoute polder. 6. Oude Hazegraspolder. 7. Nieuwe Hazegraspolder. 8. Willem-Leopoldpolder. 9. Keuvelpolder. 10. Butspolder. 11. Vagevierspolder. 12. Nieuwland. 13. Baespolder. 14. Polder van de kleine Keuwele. 15. Noordpolder. 16. Schellebankpolder. 17. Godefroy-Beukelspolder. 18. Greveningepolder. 19. Zoute Fannepolder. 20. Robbemoreelpolder. 21. Polders van de vier Landsheren. 22. Polder Lem. 23. Polder van Namen. 24. Sint-Jobspolder. 25. Pannepolder. 26. Zeepolder. 27. Spermaliepolder. 28. O.-L.-Vrouwspolder. 29. Zeuge. 30. Carbosadepolder. 31. Stampaartshoekpolder. 32. Maldegemse polder

Figure 2. Polders and dikes northeast of Brugge (Ameryckx, 1959)



Binnenpolders

1. Groot-Noord-Nieuwlandpolder.
2. Breemuylepolder.
3. Bamburgpolder.
4. Sint-Janspolder.
5. Grote Polder (Polder van Lombardië).
6. Maximiliaanspolder.

7. Merdaanspolder.
8. Volkraenspolder.
9. Cayepolder.

Buitenpolders

10. Hemmepolder.
11. Polder van Jan van Belle.
12. Kielepolder.

Figure 3. Polders in the IJzer estuary (Ameryckx, 1959; Tavernier and Ameryckx, 1970)

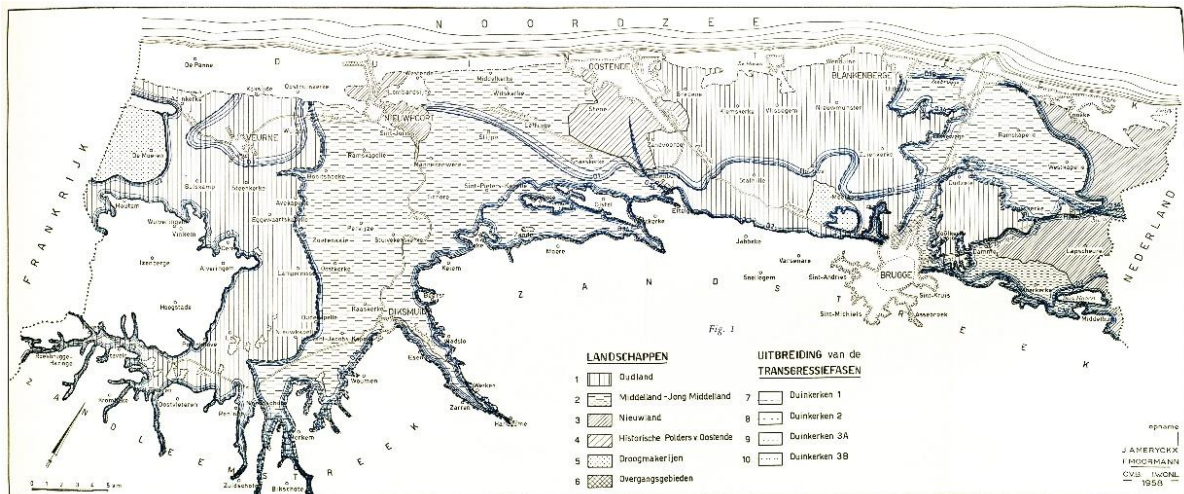


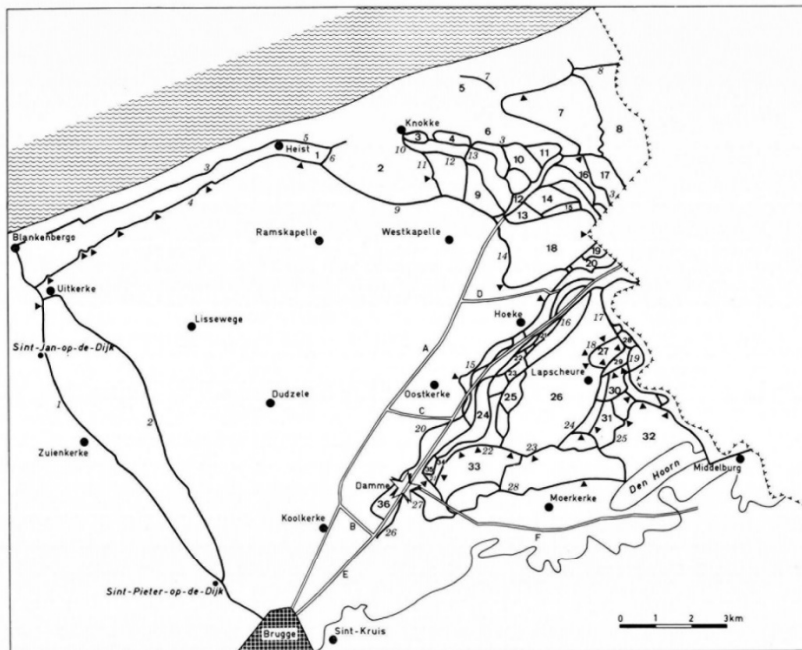
Figure 4. Polders along the coastal area (Boterberghe, 1962)

Mijs (1973) gave an overview of the development of the polders in the area of the River Scheldt. This paper also include eight maps with the development from shortly before 1570 until about 1970. The year 1570 was probably chosen, while in that year the very devastating Allerheiligen Flood has flooded several of the polders. The last map with the situation at about 1970 is shown in Figure 7.

The Group Polder Development (1982) described that between Antwerp and Ghent river polders exist in the tidal reach of the rivers, especially opposite Antwerp on the western bank of the Scheldt. They also showed a map with the polders in Belgium (Figure 8). The total area is 306,117 ha.



Figure 5. Polders in the Zwin area in 1667 (Dendooven and Lippens, 1968)



Polders

- | | | |
|---------------------------|------------------------------------|-------------------------------------|
| 1. Pannepolder. | 13. Baespolder. | 25. O.L.V.-polder. |
| 2. Vardenaarspolder. | 14. Reigaarsvlietpolder. | 26. Sint-Jobspolder. |
| 3. Papenpolder. | 15. Schellebankpolder. | 27. Pannepolder. |
| 4. Mager Schorre. | 16. Noordpolder. | 28. Zeepolder. |
| 5. Zoute Polder. | 17. Beukels-Godefroypolder. | 29. Spermaliepolder. |
| 6. Oude Hazegraspolder. | 18. Greveningepolder. | 30. Polders van Johan van Leffinge. |
| 7. Nieuwe Hazegraspolder. | 19. Zoute Pannepolder. | 31. Markettepolder. |
| 8. Willem-Leopoldpolder. | 20. Robbomorepolder. | 32. Maldegemse polder. |
| 9. Keuvelpolder. | 21. Polder van de Vier Landsheren. | 33. Stampaartshoekpolder. |
| 10. Butspolder. | 22. Lempolder. | 34. Amelispolder. |
| 11. Vagevierpolder. | 23. Polder van Namen. | 35. Carbosadepolder. |
| 12. Nieuwland. | 24. De Vijf Polders. | 36. De Zeuge. |

Dijken (kursieve nummers)

1. Blankenbergse Dijk.
2. Dulle Weg.
3. Graaf Jansdijk.
4. Evendijk.
5. Pasteurdijk.
6. Pannedijk.
7. Zoute Dijk.
8. Internationale Dijk.
9. Kalveketedijk.

▲ Dijkbreuk.

10. Knokkendijk.
11. Kragendijk.
12. Meunikendijk.
13. Kwaaddijksken.
14. Bloedlozendijk.
15. Krinkeldijk.
16. Landsdijk.
17. Groene Zeedijk.
18. Groene Dijk.

Waterlopen

- A. Oud Zwin.
- B. Eerste Leugenzwin.
- C. Tweede Leugenzwin.

19. Nieuwe Zeedijk.
20. Rombautswervedijk.
21. Krommendijk.
22. Sluise Dijk.
23. Brolozendijk.
24. Sint-Pietersdijk.
25. Maldegemse Dijk.
26. Polderstraat.
27. Branddijk.
28. Damweg.

- D. Nieuw Zwin.
- E. Kanaal Brugge-Sluis.
- F. De Lieve.

Figure 6. Polders and dikes in the Zwin area in the present situation (Tavernier and Ameryckx, 1970).

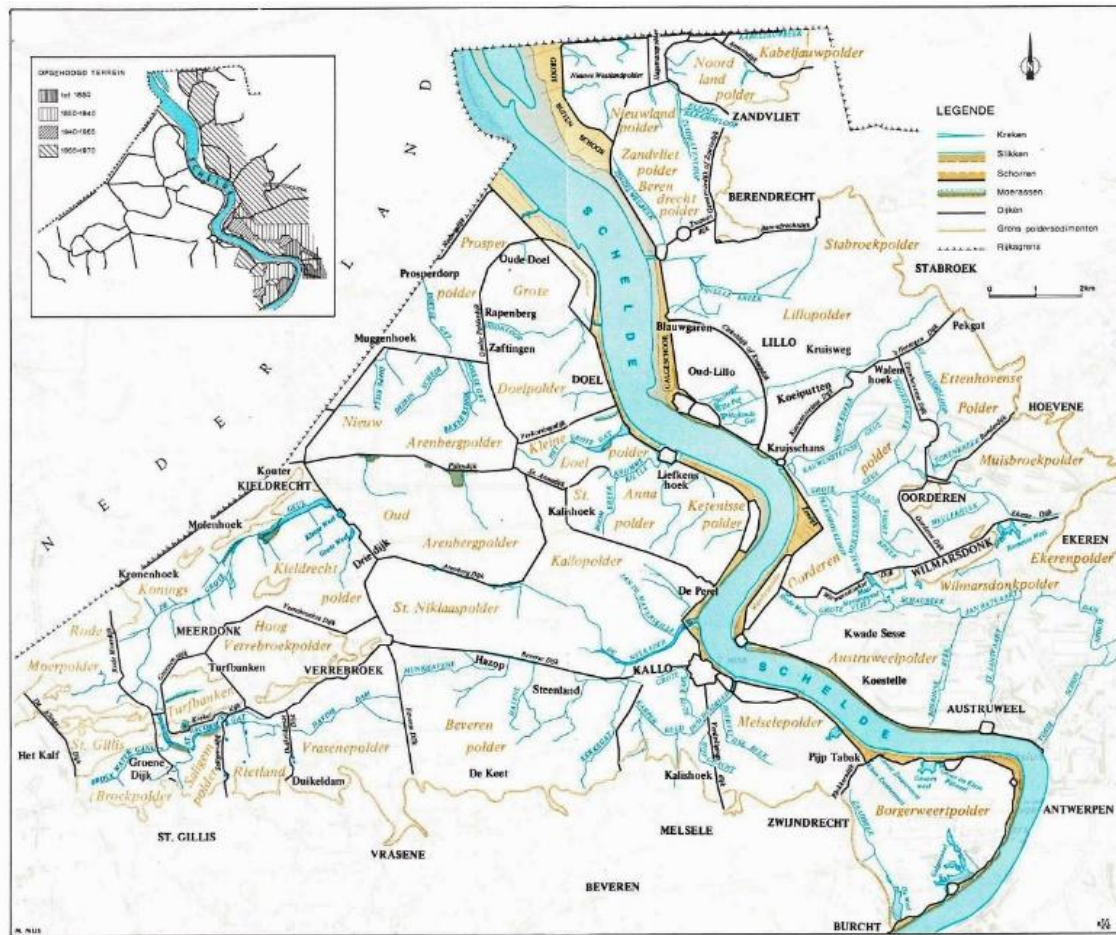


Figure 7. The situation of the polders in the area of River Scheldt at about 1970 (Mijs, 1973)

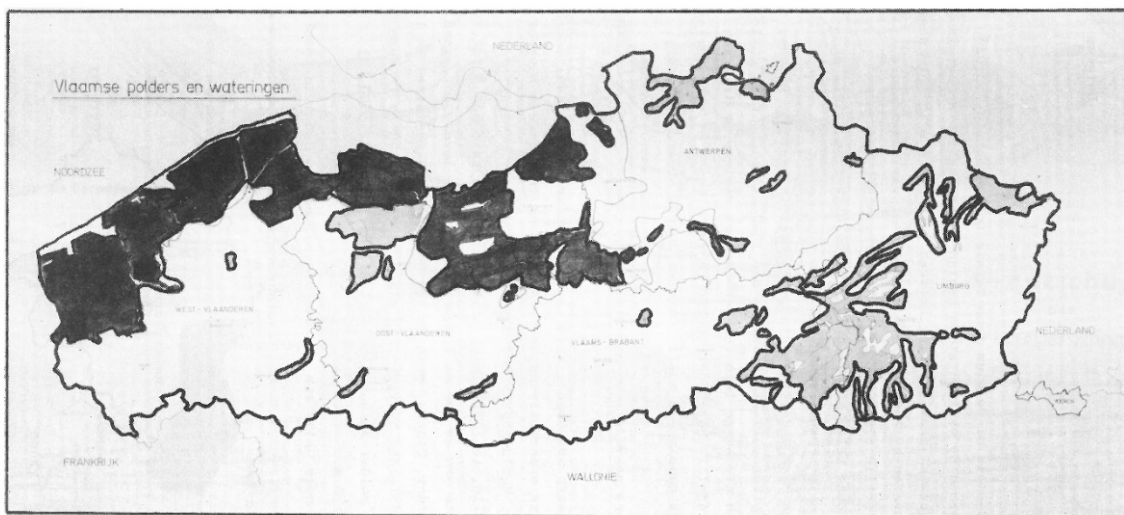


Figure 8. Polders in Belgium (Group Polder development, 1982)

Soens and de Graef (2014) showed a map with the polders on the left side of the Scheldt estuary near Antwerp (Figure 9). Part of these polders are located in the Netherlands and some are transboundary. They also showed a parcellation map of the Kallolpolder (Annex A).

Nijhuis *et al.* (in preparation) includes a paper on the polder De Moeren (Moëres) (1,160 ha).

Several Regional Water Authorities and Provinces show on their website maps with the polders in their territory. The following maps have been found: polders in the Middenkustpolder (Figure 10), polders in the Province Oost-Vlaanderen (Figure 11) and polders in the Zwin area (Figures 12 and 13).

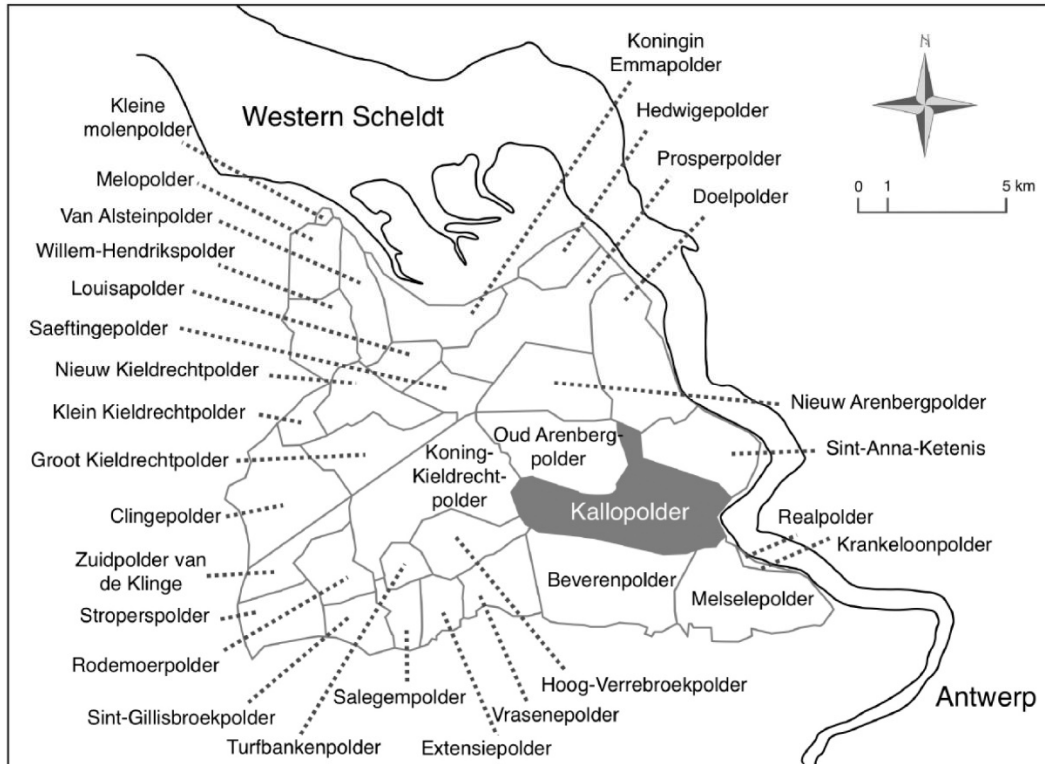


Figure 9. Location of the polders on the left bank of the Scheldt Estuary near Antwerp (Soens and de Graaf, 2014)

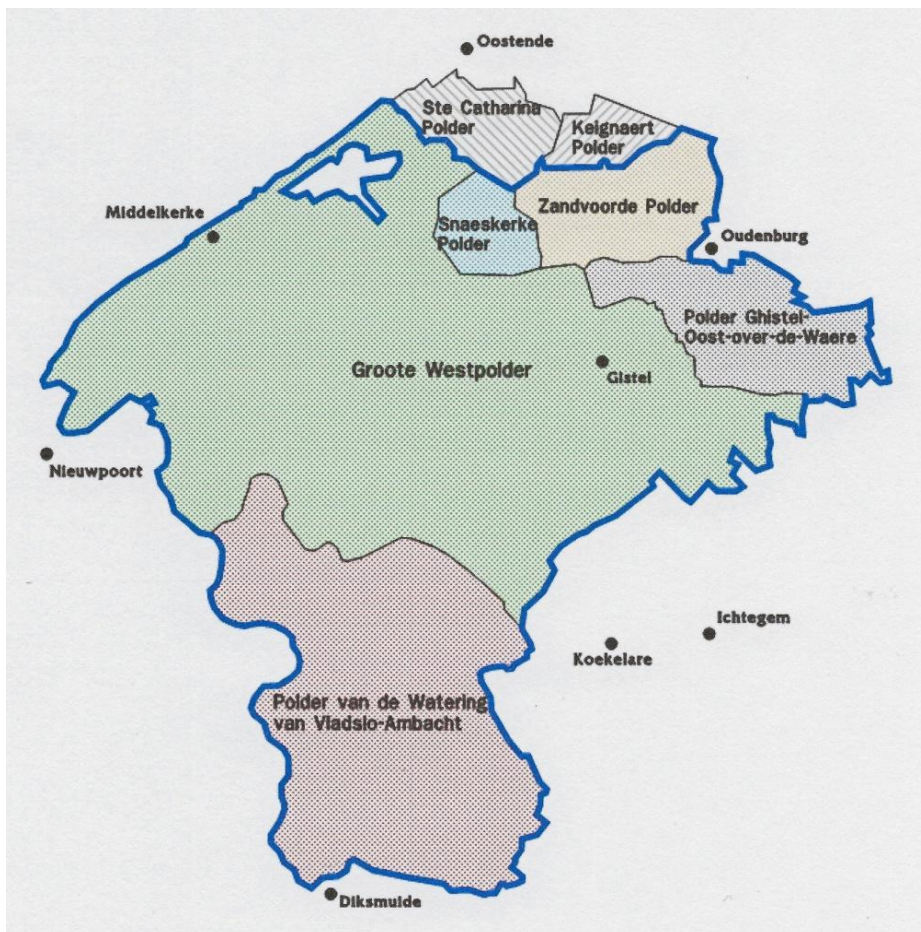


Figure 10. Polders in the area of the Middenkustpolder (source: Middenkustpolder)

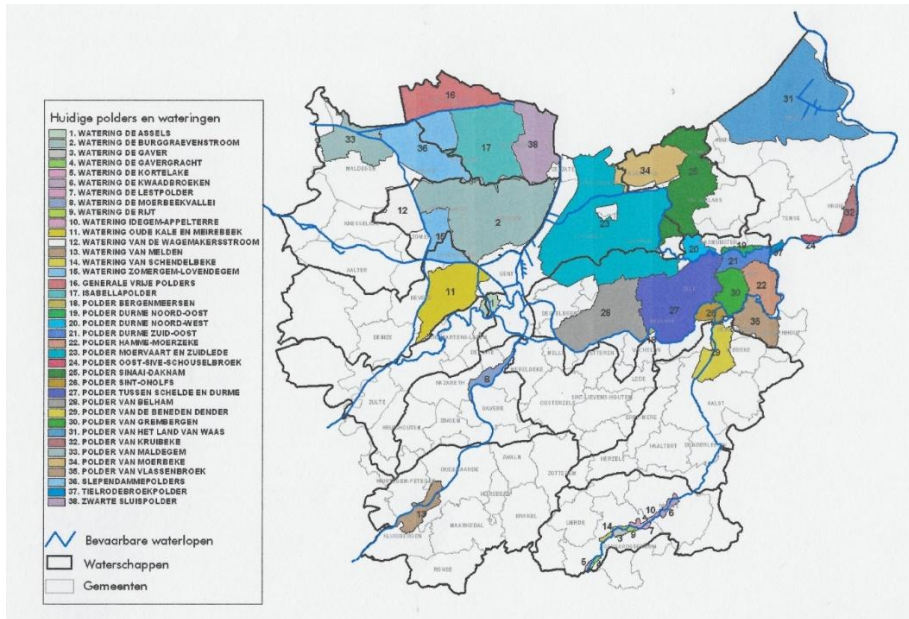


Figure 11. Polders in the Province Oost-Vlaanderen (source: Province Oost-Vlaanderen)

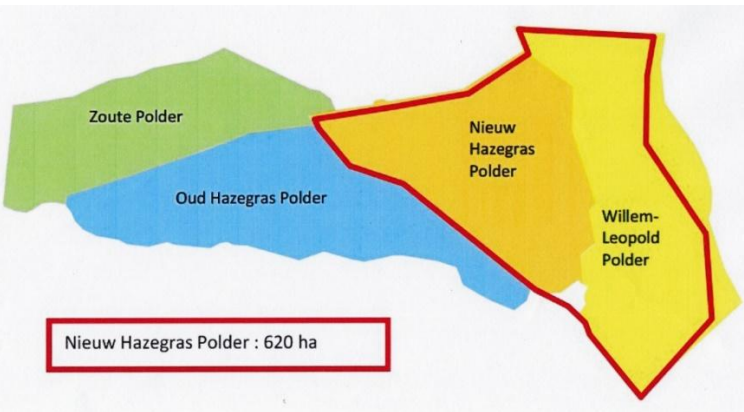


Figure 12. Polders in the area of the Nieuwe Hazegras Polder (source: Wikipedia)

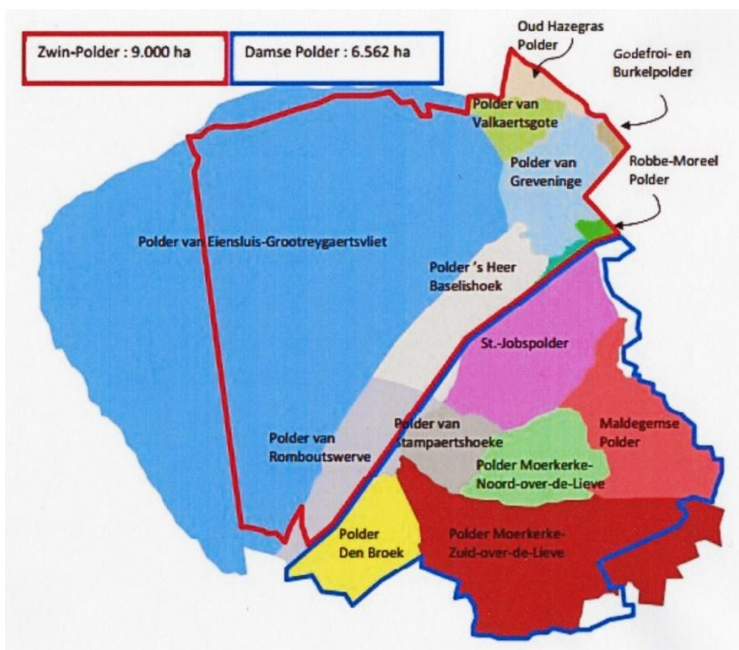


Figure 13. Polders in the Zwin area (source: Wikipedia)

Wikipedia mentions several polders. In addition there is a list with 122 polders in Belgium. All the names have been included in the Tables I and II.

General characteristics of the polders in Belgium are shown in Table I. Table II shows the characteristics of the water management and flood protection systems of the existing polders.

Proposed polders

No proposed polders have been identified.

Drainage and flood protection

The reference level in Belgium is based on the second general level survey (Tweede Algemene Waterpassing (TAW), which is equal to - 2,35 NAP (Normaal Amsterdams Peil, Netherlands reference level).

Antea Belgium NV (2018) presented information of water availability and water use in the polder areas in the Province of West-Vlaanderen. Based on the collected information they presented, among others, for the period 2013-2017 summarised information on water availability and water use (Figure 14).

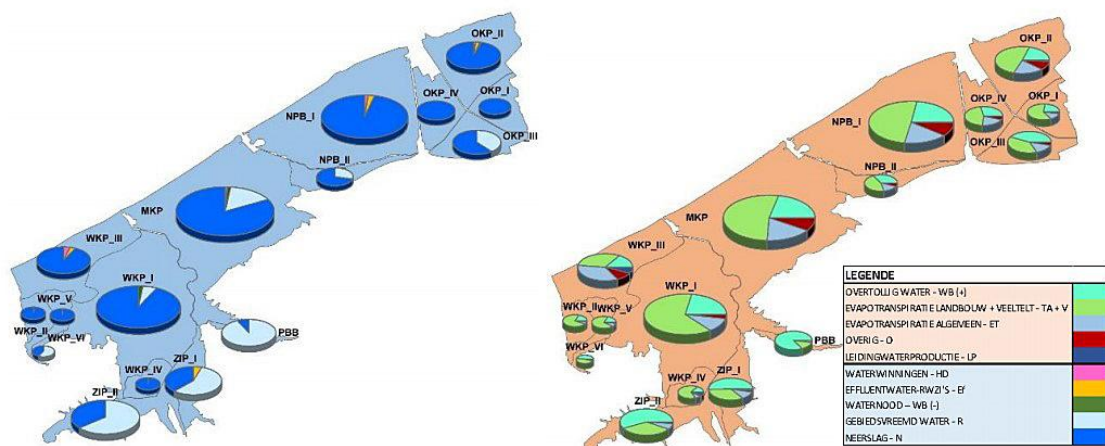


Figure 14. Summarised information of water availability (left) and water use (right) in the polders in the Province of West-Vlaanderen (Antea Belgium NV, 2018)

Stevens *et al.* (2011) gave an overview of the pumping stations in Vlaanderen (Figure 15). They also gave an inventory of the pumping stations as well as details, for example the type and the capacity (Figure 16). Based on this inventory the polder pumping stations are shown in Annex B.

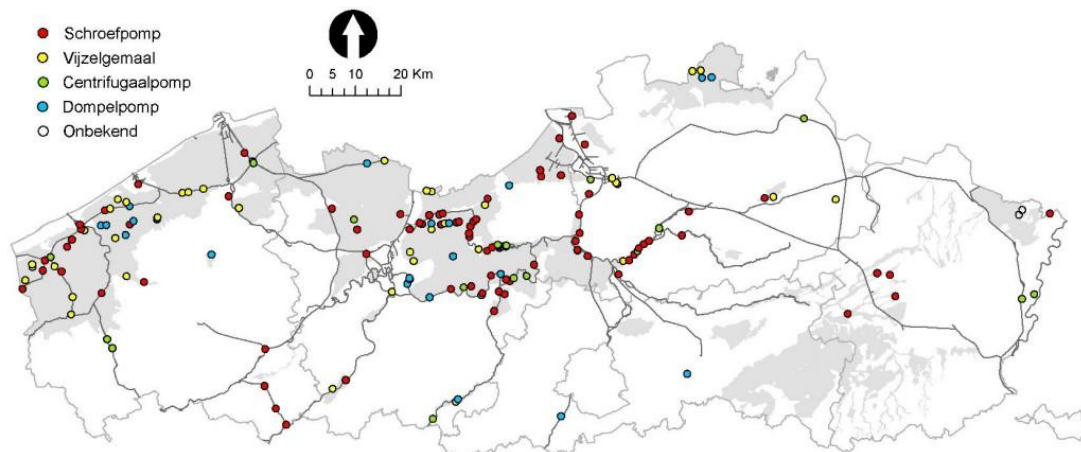


Figure 15. Overview of the pumping stations in Vlaanderen (Stevens *et al.*, 2011)

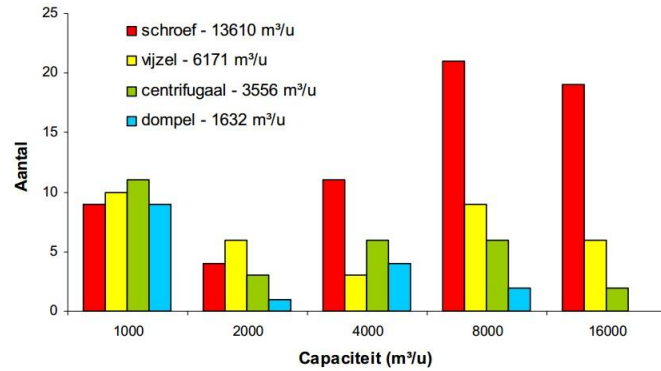


Figure 16. Types and capacities of the pumping stations in Vlaanderen (Stevens et al., 2006)

Vanneuille et al. (2006) gave for Vlaanderen an overview of damage due to flooding. Among others they showed a map with the risk for damage in the situation at the beginning of the 21st century. (Figure 17).

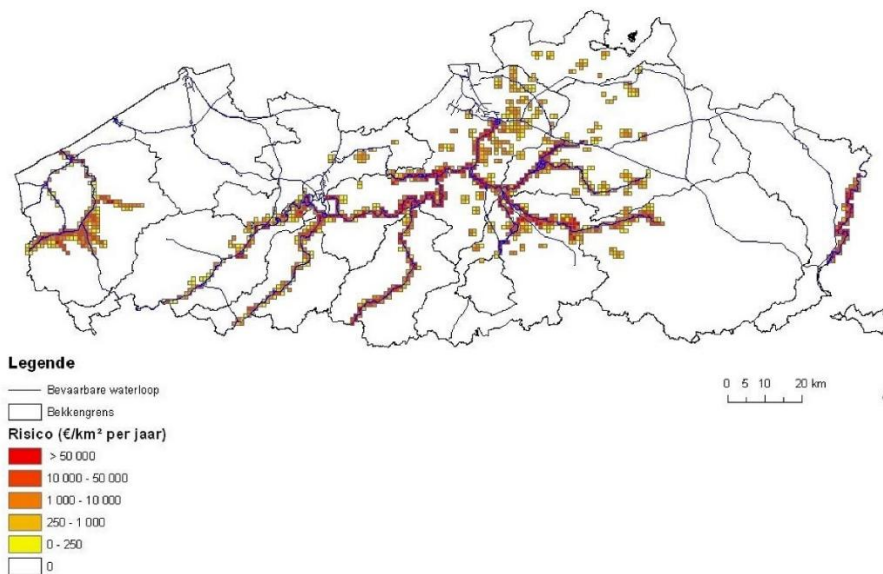


Figure 17. Map for Vlaanderen with the risk for damage due to flooding (Vanneuille et al., 2006)

Belgium has no law regulating tidal flood protection, but the Flemish government did set the security standard such that the whole coastline should be able to withstand a storm with a chance of occurrence of 1/1000 per year (Policy Research Corporation, 2013).

Guns (no date) showed a Table with inundation periods of several polders (Table III).

Table III. Inundation periods of several polders

Polder	Inundation periods		
Berendrecht	1584 – 1651		
Ettenhove	1584 - 1591	1632 - 1662	1682 - beginning 1683
Ferdinand	1584 - 1591	1632 - 1638	1682 - beginning 1683
Lillo	1584 – 1651		1682 - beginning 1683
Muisbroek	1584 - 1591	1632 - 1662	1682 - beginning 1683
Oordam	1585 - 1591	1632 - 1722	
Oorderen	1585 - 1591	1632 - 1722	
Oosterweel	1584 - 1591	1632 - 1651	1682 - beginning 1683
Stabroek	1584 – 1651		
Wilmarndonk	1585 - 1591	1632 - 1651	1682 - beginning 1683
Zandvliet	1584 – 1651		

Location of the polder in Belgium as shown on the World polder map

The location of the polder in Belgium is shown in Figure 18.



Figure 18. Location of the polders in Belgium (source: esri – Batavialand)

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Bart Schultz

Lelystad, July 2024

Table I. General characteristics of existing polders in Belgium

Name	Reclamation	Area in ha	Type *)	Latitudes	Longitudes	Elevation in m+MSL	Land use
Polder van Zandvoorde	Before 1102	1,174	LGS	51° 12' N	2° 59' E	2	Multiple land use
Borgerweertpolder	Before 1146			51° 13' N	4° 22' E		Multiple land use
Greveninge polder	1170	740	LGS	51° 20' N	3° 21' E	1	Agriculture
Polder van 177 Gemet	Approx 1200		LGS	51° 19' N	3° 21' E	0	Agriculture
Bamburgpolder	1210	224		51° 9' N	2° 46' E		Multiple land use
Noordlandpolder	1245		LGS	51° 22' N	4° 18' E	3	Industry
Polder van 94 Gemet	Approx 1250	42	LGS	51° 20' N	3° 22' E	1	Agriculture
Keuvelpolder	Before 1255		LGS	51° 20' N	3° 19' E	2	Agriculture
Butspolder	1255-1259		LGS	51° 20' N	3° 21' E	2	Agriculture
Leffingepolder	Before 1264		LGS	51° 10' N	2° 53' E		Agriculture
Hemmpolder	Before 1272	153	LGS	51° 9' N	2° 44' E	2	Multiple land use
Vagenerspolder	1280	132	LGS	51° 20' N	3° 20' E	0	Agriculture
Maneschijnsolder in southern part Brugse Polder (Steenpolder and Filip Cur Polder)	1282 and 1407	26	LGS	51° 20' N	3° 22' E	1	Agriculture
Nieuwlandpolder	1285		RLL	51° 07' N	2° 47' E	3	Agriculture
Polder van Namen	1285		RLL	51° 17' N	3° 19' E		Agriculture
Oudemaarspolder	1288		LGS	51° 19' N	3° 11' E	1	Agriculture
Noordpolder	1296		LGS	51° 20' N	3° 22' E	4	Agriculture
Polder van Lombardie, Grote Polder, or Pieter Centspolder	Before 1299	71	RLL	51° 13' N	2° 57' E	4	Urban
Sint-Jobspolder	13 th century		RLL	51° 18' N	3° 22' E	1	Agriculture
Vardenaarspolder	13 th century		RLL	51° 20' N	3° 16' E	2	Multiple land use
Zoutepannepolder	Before 1323		LGS	51° 19' N	3° 22' E	1	Agriculture
Robbemoreelpolder	1324	60	LGS	51° 19' N	3° 23' E	1	Agriculture
Lange Polder or Jan Gherolfs Polder	Before 1340		LGS	51° 20' N	3° 16' E	1	In the Zwin area
Polder Lem	1390		LGS	51° 19' N	3° 21' E	2	Agriculture
Volkravenspolder or Sint-Arnoldspolder	Before 1404	25		51° 8' N	2° 45' E	2	Industry
Cayepolder	Before 1407	30		51° 9' N	2° 45' E	2	Industry
Kallopolder	1432	1512	RLL	51° 15' N	4° 17' E	-2	Multiple land use
Kerkwatering van Oostkerke	Before 1459		LGS	51° 16' N	3° 18' E	1	Agriculture
Jordaenspolder or Merdaenspolder	Before 1465	16		51° 9' N	2° 45' E	1	Urban
Sint-Christoffelpolder	1499	522	RLL	51° 16' N	3° 38' E	2	Agriculture
Sint-Barbarapolder	1508	264	LGS	51° 17' N	3° 40' E	2	Agriculture

Polder Ghistel-Oost-over-de-Waere	1540	1,647	LGS	51° 10' N	3° 1' E	2	Rural area
Doelpolder	1567/1614	677	RLL	51° 20' N	4° 16' E	1	Agriculture,nuclear plant
Luyspolder	1568/1650/1907		RLL	51° 19' N	4° 12' E	1	Agriculture
Melselepolder	1587		RLL	51° 13' N	4° 17' E	2	Agriculture
Riedepolder	1600		LGS	51° 13' N	3° 49' E	3	Agriculture
Ketenissepolder	1614			51° 16' N	4° 17' E	2	Multiple land use
Sint-Annapolder	1614	134	LGS	51° 17' N	3° 38' E	2	Agriculture
Rietlandpolder	1615		RLL	51° 14' N	4° 9' E	0	Agriculture
Rooden Moerpolder	1615	580	LGS	51° 15' N	4° 5' E	3	Agriculture
Saliegempolder	1615	175	LGS	51° 14' N	4° 8' E	1	Agriculture
Sint-Gillisbroekpolder	1615	259	LGS	51° 14' N	4° 7' E	1	Agriculture
Hoog-Verrebroekpolder	1616		LGS	51° 15' N	4° 10' E	3	Agriculture
Turfbankenpolder	1616	200	LGS	51° 15' N	4° 8' E	1	Agriculture
Zuidpolder van de Klinge	1616	500	LGS	51° 15' N	4° 6' E	3	Agriculture
Beverenpolder	1619		RLL	51° 14' N	4° 15' E	7	Agriculture
Extensiepolder	1622	789					
Vrasenepolder	1622		LGS	51° 15' N	4° 11' E	1	Agriculture
De Moeren	1626	1,160	DL	51° 01' N	2° 33' E	-0,33 to 2,67	Agriculture
Oude Hazegraspolder	1627		LGS	51° 20' N	3° 20' E	3	Agriculture and recreation
Sint Catharinapolder	1627-1744	493	RLL	51° 13' N	2° 56' E	-4	Urban and agriculture
Isabellapolder	1649	6,985	RLL	51° 16' N	3° 40' E	2	Agriculture
Polder van Austruweel	1650			51° 15' N	4° 21' E		Transformed in Harbour area
Lillopolder	1651		RLL	51° 19' N	4° 19' E	4	Transformed in Harbour area
Polder van Berendrecht en Zandvliet	1651/1831		RLL	51° 21' N	4° 17' E	4	Industry
Oude Karnemelkpolder	1652	28	RLL	51° 13' N	3° 59' E	4	Urban
Kieldrechtponders	1653	1,435	LGS	51° 16' N	4° 10' E	0	Agriculture
Sint-Niklaaspolder	1653		LGS	51° 16' N	4° 14' E	1	Harbour
Polder van Ettenhoven	1662		LGS	51° 19' N	4° 22' E	4	Agriculture
Polder van Muisbroek	1662		LGS	51° 20' N	4° 23' E	1	Rural area
Amelisepolder	Before 1665		LGS	51° 15' N	3° 18' E	2	Agriculture
Grote, or Oude Sint-Albertpolder	1664	480	LGS	51° 15' N	3° 48' E	1	Agriculture
Nieuwe Polder van Zandvoorde voorheen de Crocht Gloribus polder	1664-1700		RLL	51° 12' N	2° 58' E	-4	Agriculture
Spermaliepolder	1681		LGS	51° 17' N	3° 22' E	1	Agriculture
Oud Arenbergpolder	1685-1689	975	RLL	51° 17' N	4° 12' E	4	Agriculture
Lippenspolder	1698	42	LGS	51° 20' N	3° 22' E	2	Agriculture
Brandkreekpolder	1711	200	RLL	51° 17' N	3° 32' E	2	Agriculture

Gouverneurspolder	1716	47	LGS	51° 19' N	3° 23' E	1	Agriculture
Godefroy-Beukelspolder	1718		RLL	51° 17' N	3° 23' E	1	Agriculture
Snaaskerkepolder	1721-1803		RLL	51° 11' N	2° 56' E	-4	Agriculture
Oordam	Before 1722			51° 17' N	4° 20' E		Transformed in Harbour area
Oorderenspolder	1722		LGS	51° 17' N	4° 21' E	4	Industry
Kraeyenspolder	1747	43	RLL	51° 18' N	3° 22' E	1	Agriculture
Kabeljauwpolder	1768	163	RLL	51° 22' N	4° 19' E	1	Agriculture
Nieuw Arenbergpolder	1784	648	RLL	51° 17' N	4° 10' E	2	Urban and agriculture
Nieuwe Hazegraspolder	1784	620	LGS	51° 20' N	3° 21' E	2	Agriculture
Zoute polder	1786		RLL	51° 21' N	3° 18' E	4	Recreation
Polder van Vlassenbroek	Before 1796	2,022	LGS	51° 3' N	4° 8' E	2	Rural area
Polder van Stabroek	1831-1845		LGS	51° 20' N	4° 22' E	4	Multiple land use
Prosperpolder	1846	1,051	RLL	51° 19' N	4° 12' E	1	Agriculture
Polder Oost-Sive Schoeselbroek	1851	150	LGS	51° 7' N	4° 15' E	1	Forest
Hagemanspolder	1863		RLL	51° 21' N	4° 17' E	4	Industry
Zwin-Polder	1864	235	LGS	51° 20' N	3° 23' E	1	Agriculture
Willem Leopoldpolder	1873	496	RLL	51° 20' N	3° 23' E	1	Agriculture
Polder van Willebroek ten Oostzijde	1892		RLL	51° 03' N	4° 22' E	0	Rural area
Schrampolder	1899						
Nieuwe Westlandpolder	1942		LGS	51° 22' N	4° 16' E	4	Industry
Zuidijzerpolder	1971	9,666	LGS	50° 57' N	2° 47' E	2	Agriculture
Baasrodepolder				51° 2' N	4° 10' E		Multiple land use
Baespolder			LGS	51° 19' N	3° 21' E	1	Agriculture
Bakkerspolder			RLL	51° 13' N	3° 46' E	0	Agriculture
Basel Broekpolder			RLL	51° 09' N	4° 19' E	2	Agriculture
Binnenpolder			RLL	51° 07' N	4° 12' E	1	Agriculture
Blifierspolder							
Blokdijkpolder			RLL	51° 13' N	4° 21' E	3	Multiple land use
Breemuylepolder or Moreelspolder		16		51° 9' N	2° 47' E		
Brixuspolder		15	LGS	51° 19' N	3° 22' E	1	Agriculture
Carbosadepolder			LGS	51° 20' N	3° 22' E	1	Agriculture
Caudronspolder			LGS	50° 20' N	5° 22' E	183	Agriculture
Cleene Polder							
Damse Polder				51° 15' N	3° 17' E		Agriculture
De Graspolder			RLL	51° 11' N	4° 20' E	-4	Urban
De Notelaer				51° 13' N	3° 47' E		
De Plaat			RLL	51° 20' N	3° 23' E	1	Agriculture

Eikenbroekpolder			RLL	51° 06' N	4° 19' E	0	Multiple land use
Ferdinanduspolder				51° 14' N	4° 25' E		Transformed in Harbour area
Generale Vrije Polders		4,185	LGS	51° 17' N	3° 33' E	3	Agriculture
Godefroi- en Burkelpolder			RLL	51° 20' N	3° 22' E	2	Agriculture
Gouweloze polder			RLL	51° 12' N	2° 57' E	2	Multiple land use
Grote West-Polder		11,963	RLL	51° 06' N	2° 57' E	4	Rural area
Hellepolder			RLL	51° 15' N	3° 39' E	2	Agriculture
Het Schauselbroek				51° 7' N	4° 15' E		
Heypolder							
Hingene Broekpolder			RLL	51° 07' N	4° 16' E	1	Forest
Hobokenpolder			RLL	51° 11' N	4° 21' E	2	Urban and nature
Hooge Helftpolder			LGS	51° 15' N	4° 22' E	1	Harbour area
Jan Hubrecht Polder							
Jeronimus Oudlandpolder			RLL	51° 17' N	3° 36' E	1	Agriculture
Kapelpolder			RLL	51° 15' N	3° 44' E	0	Agriculture
Keygnaertpolder		338	RLL	51° 12' N	2° 59' E	-3	Multiple land use
Klein Broekpolder			RLL	51° 06' N	4° 20' E	3	Urban
Kleine Buiten Schorre			LGS	51° 22' N	4° 16' E	4	Industry
Kleine Doelsepolder			LGS	51° 18' N	4° 15' E	-3	Industry
Kleine Reigaarsvlietpolder			LGS	51° 19' N	3° 21' E	2	Agriculture
Koppelaarspolder			LGS	51° 16' N	3° 18' E	1	Agriculture
Krankeloonpolder			LGS	51° 15' N	4° 19' E	1	Industry
Kristoffelpolder			LGS	51° 16' N	3° 39' E	1	Agriculture
Lambrecht Tolnaers Polder							
Lammin Tollenaere Polder							
Laureinepolder			LGS	51° 17' N	3° 22' E	1	Agriculture
Luciepolder			LGS				
Mager Schorre			LGS	51° 20' N	3° 18' E	3	Recreation
Maldegemse polder		3,353	LGS	51° 16' N	3° 23' E	2	Agriculture
Manselinspolder			LGS				
Mariapolder			LGS	51° 14' N	3° 46' E	2	Agriculture
Marquettepolder			LGS	51° 16' N	3° 22' E	2	Agriculture
Maximiliaenspolder		18		51° 8' N	2° 46' E		Multiple land use
Merksempolder			LGS	51° 15' N	4° 26' E	3	Urban
Middenkustpolder				51° 9' N	2° 57' E		Urban
Monnikenpolder		274	LGS	51° 19' N	3° 19' E	2	Agriculture
Naillenbroekpolder			LGS	51° 06' N	4° 8' E		

Nieuw Arenbergpolder		648					
Nieuw Haantjesgatpolder			LGS	51° 16' N	3° 32' E	1	Agriculture
Nieuwe Polder van Blankenberg		20,723	LGS	51° 14' N	3° 06' E	0	Agriculture
Nieuwen Brugschen Polder							
Nonnenpolder							
Onze Lieve Vrouw polder			LGS	51° 16' N	3° 20' E	2	Agriculture
Oosterweelpolder			LGS	51° 15' N	4° 22' E	2	Industry
Ordampolder							
Oude Broekpolder			LGS	51° 07' N	4° 17' E	3	Agriculture
Oude Polder van Zandvoorde			RLL	51° 12' N	3° 00' E	-3	Multiple land use
Pannepolder			LGS	51° 17' N	3° 23' E		Agriculture
Papenpolder		90	LGS	51° 16' N	3° 24' E	1	Agriculture
Pardopolder							
Pennemans Polder			LGS	51° 14' N	3° 46' E	1	Agriculture
Pieter Bonin Polder							
Polder Bergenmeersen		41	LGS	51° 1' N	3° 58' E	2	Nature
Polder Bethoostersche Broeken			LGS	51° 2' N	2° 55' E	2	Agriculture
Polder de Calloo			RLL	51° 15' N	4° 15' E	1	Multiple land use
Polder de Koebeemden			RLL	51° 04' N	4° 28' E	6	Rural area
Polder d'Veckeren			RLL	51° 16' N	4° 25' E	3	Multiple land use
Polder Den Broek			LGS	51° 14' N	3° 15' E	4	Agriculture
Polder Durme Noord-Oost		303	RLL	51° 6' N	4° 09' E	2	Nature
Polder Durme Noord-West		839	RLL	51° 6' N	4° 07' E	3	Nature
Polder Durme Zuid-Oost		1,120	RLL	51° 5' N	4° 09' E	2	Urban
Polde Hamme-Moerzeke		1,857	RLL	51° 5' N	4° 10' E	3	Rural area
Polder Keetenisse		30	RLL	51° 17' N	4° 18' E	1	Harbour area
Polder Moerkerke-Noord-over-de-Lieve			LGS	51° 17' N	3° 21' E	1	Agriculture
Polder Moerkerke-Zuid-over-de-Lieve			LGS	51° 16' N	3° 21' E	1	Agriculture
Polder Mostaardpot en Fermerijbeemden			LGS	51° 5' N	4° 29' E	2	Multiple land use
Polder Niel-Wullebeek-Schelle			LGS	51° 7' N	4° 20' E	2	Multiple land use
Polder Noordwatering Veurne			LGS	51° 4' N	2° 38' E	6	Agriculture
Polder Notre-Dame			LGS	51° 16' N	3° 20' E	2	Agriculture
Polder Oude en Nieuwe Schorren			LGS				
Polder Scheldeschorren-Noord			LGS	51° 6' N	4° 13' E	1	Multiple land use
Polder 's Heer Baselishoek			LGS	51° 18' N	3° 20' E	2	Agriculture
Polder Sinaai-Daknam		5,892	RLL	51° 8' N	3° 59' E		Rural area
Polder Sint Onolfs		747	LGS	51° 3' N	4° 5' E	0	Rural area

Polder Sint Trudoledeken		1,822	LGS	51° 11' N	3° 14' E	3	Multiple land use
Polder te Sint-Amands				51° 3' N	4° 12' E		Multiple land use
Polder tussen beide Zwinnen			LGS	51° 22' N	3° 22' E	2	Nature
Polder tussen Schelde en Durme		7,072	LGS	51° 6' N	4° 8' E	4	Rural area
Polder van Battenbroek			LGS	51° 4' N	4° 27' E	0	Rural area
Polder van Belham		5,739	LGS	51° 2' N	3° 51' E		Rural area
Polder van Bornem			LGS	51° 6' N	4° 13' E	1	Multiple land use
Polder van Boudin van Assebroek			LGS	51° 16' N	3° 23' E	2	Agriculture
Polder van de Beneden Dender		2,176	LGS	51° 0' N	4° 4' E	1	Agriculture
Polder van de Kleine Keuvele							
Polder van de Vier Landsheren			LGS	51° 17' N	3° 21' E		Multiple land use
Polder van Eyensluis-Grootreygaertsvliet			LGS	51° 20' N	3° 17' E	2	Urban
Polder van Grembergen		1,687	LGS	51° 4' N	4° 6' E	1	Rural area
Polder van het Land van Waas		12,165	LGS	51° 15' N	4° 11' E	-1	Rural area
Polder van Jan van Belle							
Polder van Kruikeke		775	LGS	51° 10' N	4° 19' E	-2	Nature
Polder van Lier		156	RLL	51° 5' N	4° 30' E	5	Rural area
Polder van Moerbeke		3,335	LGS	51° 13' N	3° 55' E	1	Agriculture
Polder van Moervaart en Zuidlede		17,346	RLL	51° 8' N	3° 40' E	3	Rural area
Polder van Moerzeke-Kastel			RLL	51° 4' N	4° 11' E		Multiple land use
Polder van Romboutswerve			LGS	51° 17' N	3° 19' E	1	Agriculture
Polder van Rumst			LGS	51° 5' N	4° 23' E	5	Multiple land use
Polder Scheldeschorren-Noord			LGS	51° 6' N	4° 15' E	4	Multiple land use
Polder van Valkaertsgote			RLL	51° 20' N	3° 20' E	1	Agriculture
Polder van Weert			LGS	51° 7' N	4° 13' E	0	Rural area
Polder van Wilmarsdonk				51° 17' N	4° 22' E		Transformed in Harbour area
Polder Vladslo-Ambacht		5,325	LGS	51° 5' N	2° 54' E	2	Rural area
Polder Vliet en Zielbeek		7,000	RLL	51° 5' N	4° 17' E	4	Urban
Poorterspolder			LGS				
Potteriepolder							
Princepolder			LGS				
Pullaarpolder			LGS	51° 04' N	4° 20' E	1	Industry
Raemspolder			LGS				
Realpolder							
Rijnsepolder			LGS				
Robrechtspolder or 100 Gemet Polder			LGS				
Rode More Polder			LGS	51° 15' N	4° 6' E	1	Agriculture

Table II. Characteristics of the water management and flood protection system of polders in Belgium

Name	Design criteria in chance of occurrence/year						Flood protection in chance/year
	Water management					Irrigation	
	Drainage			Discharge capacity			
	Type	Design criterion	Percentage of open water	m ³ /s	mm/day		
Polder van Zandvoorde	LGS						1/1000
Borgerweertpolder							
Greveninge polder	LGS						
Polder van 177 Gemet	LGS						
Noordlandpolder	LGS						
Polder van 94 Gemet	LGS						
Keuvelpolder	LGS						
Hemmepolder							
Butspolder	LGS						
Leffingepolder	LGS						
Vagenierspolder	LGS						
Maneschijnsolder in southern part Brugse Polder (Steenpolder and Filip Cur Polder)	LGS						
Nieuwlandpolder	RLL						
Polder van Namen	LGS						
Oudemaarspolder	LGS						
Polder van Lombardie, Grote Polder, or Pieter Centpolder							
Sint-Jobspolder	RLL						
Vardenaarspolder	RLL						
Zoutepannepolder	LGS						
Robbemoreelpolder	LGS						
Lange Polder or Jan Gherolfs Polder	LGS						
Polder Lem	LGS						
Volkravenspolder or Sint-Arnoldspolder							
Cayepolder							
Kallopolder	RLL						
Kerkwatering van Oostkerke	LGS						
Sint-Christoffelpolder	RLL						

Ketenissepolder							
Sint-Annapolder	LGS						
Sint-Barbarapolder	LGS						
Polder Ghistel-Oost-over-de-Waere	LGS						
Doelpolder	RLL						
Luyspolder							
Melselepolder	RLL						
Riedepolder	LGS						
Rooden Moerpolder	LGS						
Rietlandpolder							
Saliegepolder	LGS						
Sint-Gillisbroekpolder	LGS						
Turfbankenpolder	LGS						
Zuidpolder van de Klinge	LGS						
Beverenpolder	RLL						
Extensiepolder							
Vrasenepolder	LGS						
De Moeren	DL						
Oude Hazegraspolder	LGS						
Sint Catharinapolder	RLL						
Isabellapolder	RLL						
Polder van Austruweel							
Lillopolder							
Polder van Berendrecht en Zandvliet	RLL						
Oude Karnemelkpolder	RLL						
Kieldrecht polders	LGS						
Sint-Niklaaspolder	LGS						
Polder van Ettenhoven	LGS						
Polder van Muisbroek							
Amelispolder	LGS						
Grote, or Oude Sint-Albertpolder	LGS						
Nieuwe Polder van Zandvoorde voorheen de Crocht Gloribus polder	RLL						
Spermaliepolder	LGS						
Oud Arenbergpolder	RLL						
Lippenspolder	LGS						
Brandkreekpolder	RLL						

Gouverneurspolder	LGS					
Godefroy-Beukelspolder	RLL					
Snaaskerkepolder	RLL					
Oordam						
Oorderensepolder	LGS					
Kraeyenspolder	RLL					
Kabeljauwpolder	RLL					
Nieuw Arenbergpolder	Lgs					
Nieuwe Hazegraspolder	LGS					
Zoute polder	RLL					
Polder van Vlassenbroek	LGS					
Polder van Stabroek						
Prosperpolder	RLL					
Polder Oost-Sive Schoeselbroek	LGS					
Hagemanspolder						
Zwin-Polder	LGS					
Willem Leopoldpolder	RLL					
Polder van Willebroek ten Oostzijde	RLL					
Schrapolder						
Nieuwe Westlandpolder	LGS					
Zuidijzerpolder	LGS					
Baasrodepolder						
Baespolder	RLL					
Bakkerspolder	RLL					
Bamburgpolder						
Basel Broekpolder	RLL					
Binnenpolder	RLL					
Blifierspolder						
Blokdijkpolder	LGS					
Breemuylepolder or Moreelspolder						
Brixuspolder	LGS					
Carbosadepolder	LGS					
Caudronspolder	RLL					
Cleene Polder						
Damse Polder						
De Graspolder	RLL					
De Notelaer						

De Plaat	RLL					
Eikenbroekpolder	LGS					
Ferdinand						
Generale Vrije Polders	LGS					
Godefroi- en Burkelpolder	RLL					
Gouweloze polder	RLL					
Grote West-Polder	RLL					
Hellepolder	RLL					
Het Schauselbroek						
Heynpolder						
Hingene Broekpolder	RLL					
Hobokenpolder	LGS					
Hooge Helftpolder	RLL					
Jan Hubrecht Polder						
Jeronimus Oudlandpolder	RLL					
Jordaenspolder or Merdaenspolder						
Kapelpolder	RLL					
Keygnaertpolder	LGS					
Klein Broekpolder	LGS					
Kleine Buiten Schorre	LGS					
Kleine Doelsepolder	LGS					
Kleine Reigaarsvlietpolder	RLL					
Koppelaarspolder	LGS					
Krankeloonpolder	LGS					
Kristoffelspolder	LGS					
Lambrecht Tolnaers Polder						
Lammin Tollenaere Polder						
Laureinepolder	LGS					
Luciepolder	LGS					
Mager Schorre	LGS					
Maldegemse polder	LGS					
Manselinspolder	LGS					
Mariapolder	LGS					
Marquettelpolder	RLL					
Maximiliaenspolder						
Merksempolder	LGS					
Middenkustpolder						

Monnikenpolder	LGS						
Naillenbroekpolder	LGS						
Nieuw Arenbergpolder							
Nieuw Haantjesgatpolder	LGS						
Nieuwe Polder van Blankenbergen	LGS						
Nieuwen Brugschen Polder							
Nonnenpolder							
Noordpolder	LGS						
Onze Lieve Vrouw polder	LGS						
Oosterweelpolder	LGS						
Ordampolder							
Oude Broekpolder	RLL						
Oude Polder van Zandvoorde	LGS						
Pannepolder	LGS						
Papenpolder	LGS						
Pardopolder							
Pennemans Polder	LGS						
Pieter Bonin Polder							
Polder Bergenmeersen	LGS						
Polder Bethoostersche Broeken	RLL						
Polder de Calloo	RLL						
Polder de Koebeemden	RLL						
Polder d'Eeckeren	LGS						
Polder Den Broek	RLL						
Polder Durme Noord-Oost	RLL						
Polder Durme Noord-West	RLL						
Polder Durme Zuid-Oost	LGS						
Polde Hamme-Moerzeke	RLL						
Polder Keetenisse	LGS						
Polder Moerkerke-Noord-over-de-Lieve	LGS						
Polder Moerkerke-Zuid-over-de-Lieve	RLL						
Polder Mostaardpot en Fermerijbeemden	LGS						
Polder Niel-Wullebeek-Schelle	LGS						
Polder Noordwatering Veurne	LGS						
Polder Notre-Dame	LGS						
Polder Oude en Nieuwe Schorren	LGS						
Polder Scheldeschorren-Noord	LGS						

Polder 's Heer Baselishoek	RLL						
Polder Sinaai-Daknam	LGS						
Polder Sint Onolfs	LGS						
Polder Sint Trudoledeken	LGS						
Polder te Sint-Amands							
Polder tussen beide Zwinnen	LGS						
Polder tussen Schelde en Durme	LGS						
Polder van Austruweel							
Polder van Battenbroek	LGS						
Polder van Belham	LGS						
Polder van Bornem	LGS						
Polder van Boudin van Assebroek	LGS						
Polder van de Beneden Dender							
Polder van de Kleine Keuvele	LGS						
Polder van de Vier Landsheren	LGS						
Polder van Eyensluis-Grootreygaertsvliet	LGS						
Polder van Grembergen	RLL						
Polder van het Land van Waas	LGS						
Polder van Jan van Belle							
Polder van Kruibeke	RLL						
Polder van Lier	LGS						
Polder van Moervaart en Zuidlede	LGS						
Polder van Moerzeke-Kastel	LGS						
Polder van Romboutswerve	LGS						
Polder van Rumst	LGS						
Polder Scheldeschorren-Noord	LGS						
Polder van Valkaertsgote	RLL						
Polder van Weert	LGS						
Polder van Wilmarsdonk							
Polder Vladslo-Ambacht	LGS						
Polder Vliet en Zielbeek	RLL						
Poorterspolder	LGS						
Potteriepolder							
Princepolder	LGS						
Pullaarpolder	LGS						
Raemspolder							

Respagnepolder	LGS					
Realpolder						
Rijnsepolder	LGS					
Robrechtspolder or 100 Gemet Polder	LGS					
Rode More Polder	LGS					
Roomspolder	LGS					
Ruipen Broekpolder	LGS					
Rupelpolder						
Saint-Francoispolder	LGS					
Saint-Laurentpolder	LGS					
Saint-Nicaisepolder	LGS					
Saspolder	RLL					
Schellandpolder	LGS					
Schellebankpolder	LGS					
's Heer Pieter Bonispolder	LGS					
Sint-Andriespolder	LGS					
Sint-Elooiopolder	LGS					
Sint-Fransiskusopolder	LGS					
Sint-Janspolder or Vettepolder	LGS					
Sint Jorispolder	LGS					
Slependammepolders	LGS					
Snaeskerkepolder	LGS					
Spetelingwerpolder						
Spierbroekpolder	LGS					
Stampaartshoekepolder	RLL					
Stroerspolder	LGS					
Swaenepolder						
Tantspolder	LGS					
Tielrodebroekpolder	LGS					
Van Mikhem Polder						
Vijfpolders						
Volkaertsgotepolder	LGS					
Wase Polder						
Wijtvlietpolder	LGS					

Zeepolder	LGS						
Zeuge	LGS						
Zwartesluispolder	LGS						

Annex A. Parcellation maps of polders



Figure A.1. Eighteenth-century map of Kallopolder (shaded), on the left bank of the river Scheldt near the city of Antwerp

Annex B. Inventory of the polder pumping stations in Vlaanderen (after Stevens *et al.*, 2011)

	Name	Polder	Construction	Pump 1	# Pump 1	Pump 2	Capacity (m ³ /hr)	Capacity (mm/day)	Opp (ha) area	Gravity
1	Baasrode	Polder Vlassenbroek	1979	Centrifugal	3		14400	2658.46	13.0	Yes
144	Vondelbeek	Polder Vlassenbroek	1973	Screw	4		17280	3118.20	13.3	Yes
2	Baudouin	Polder De Moeren	2007	Centrifugal	1		2700	446.90	14.5	No
112	Seine	Polder De Moeren	1981	Archimedes screw	2		4200	695.17	14.5	No
117	Sint-Karelsmolen	Polder De Moeren	2007	Archimedes screw	2		4200	695.17	14.5	No
4	Boekhoute	Generale Vrije Polders	1985	Archimedes screw	5		47520	591.54	192.8	Yes
114	Sint-Annapolder	Generale Vrije Polders	/	dompel	1		400	300.00	3.2	No
10	Bourgogne	Middenkustpolder		Archimedes screw	1		/		1.3	No
14	Coudeville	Middenkustpolder	1992	Submersible	1		108		0	No
26	Doeve 1	Middenkustpolder	1928	Screw	2		10800	1364.21	19.0	No
27	Doeve 2	Middenkustpolder	1991	Archimedes screw	1		4320	545.68	19.0	No
50	Kalsijde 1	Middenkustpolder	1972	Screw	2		2398	1984.55	2.9	No
51	Kalsijde 2	Middenkustpolder	2003	Submersible	1		1584	1310.90	2.9	No
63	Kromme Elleboog	Middenkustpolder	1972	Archimedes screw	1		659	3163.20	0.5	No
69	Lammergeleed	Middenkustpolder	1988	Submersible	1		252	1209.60	0.5	Yes
82	Mannekensvere	Middenkustpolder	1984	Submersible	1		68	408.00	0.4	No
93	Nieuwland	Middenkustpolder	1974	Archimedes screw	1		839	1830.55	1.1	Yes
122	Slijpe	Middenkustpolder	1972	Screw	2		2398	2055.43	2.8	No
155	Wilskerke	Middenkustpolder	1961	Archimedes screw	1		943	2829.00	0.8	No
169	Zevokote	Middenkustpolder	1961	Screw	1		4680	2340.00	4.8	No
166	Zande	Middenkustpolder	1986	Submersible	1		/		0	No
171	Zilveren Speye	Middenkustpolder	1980	Archimedes screw	2		9120	2188.80	10	No
11	Bulskamp Nieuwegracht	Polder Noordwatering Veurne	1969	Screw	2		6000	2769.23	5.2	No
46	Houtem 100 gemete	Polder Noordwatering Veurne	1975	Screw	1		432		0	No

47	Houtem Westmoere	Polder Noordwatering Veurne	1970	Screw	2		1320	10560.00	0.3	No
78	Lo Fintele	Polder Noordwatering Veurne	1980	Archimedes screw	2		5400	1296.00	10.0	No
79	Lo Lolege	Polder Noordwatering Veurne	1980	Archimedes screw	1		1188	2851.20	1.0	No
101	Ramskapelle	Polder Noordwatering Veurne	/	Archimedes screw	1		432	545.68	1.9	No
127	Steenkerke Kortewilde	Polder Noordwatering Veurne	1978	Archimedes screw	2		4320	893.79	11.6	Yes
135	Veurne Calonnegracht	Polder Noordwatering Veurne	1996	Screw	1		72	1728.00	0.1	No
136	Veurne Moerhol	Polder Noordwatering Veurne	1970	Archimedes screw	1		462	1232.00	0.9	No
137	Veurne-Ambacht	Polder Noordwatering Veurne	1992	Screw	5		99000	1702.01	139.6	Yes
138	Veurne-Noodpomp	Polder Noordwatering Veurne	2009	centrifuaaal	2		7200	881.63	19.6	Yes
161	Wulpen veldweg 1	Polder Noordwatering Veurne	1996	Screw	1		72	864.00	0.2	No
162	Wulpen Veldweg 2	Polder Noordwatering Veurne	1996	Screw	1		72	432.00	0.4	No
163	Wulpen Weidestraat	Polder Noordwatering Veurne	1996	Screw	1		240	720.00	0.8	No
164	Wulveringem	Polder Noordwatering Veurne	1986	Screw	1		540		0	No
15	Daknamse Meersen	Polder Sinaai-Daknam		Screw	3		7200	7200.00	2.4	No
44	Hondsnest	Polder Sinaai-Daknam	/	Archimedes screw	2		7200	3031.58	5.7	No
73	Leebrugse Meersen	Polder Sinaai-Daknam	/	Screw	1		1200	9600.00	0.3	No
113	Sinaai II	Polder Sinaai-Daknam	/	Screw	3		7200	2579.10	6.7	No
128	Stekene	Polder Sinaai-Daknam	1965	Screw	3		7128	3564.00	4.8	No
16	Damse vaart	Damse Polder	/	Archimedes screw	1		720		0	No
98	Oostkerke	Damse Polder	1973	Centrifugal	2		7200	305.84	56.5	Yes
19	De Katte	Nieuwe Polder van Blankenberge	1980	Archimedes screw	2		6480	1851.43	8.4	No

20	De Steeger	Nieuwe Polder van Blankenberge	1987	Archimedes screw	3		12096	1759.42	16.5	No
65	Kwetshage-Paddegat	Nieuwe Polder van Blankenberge	1993	Archimedes screw	3		12000	1986.21	14.5	No
21	De Wilde Speele	Polder van Moervaart en Zuidlede	1991	Submersible	1		120		0	No
24	Destelbergen	Polder van Moervaart en Zuidlede	2008	Archimedes screw	2		1590		0	No
33	Etbos	Polder van Moervaart en Zuidlede	2006	Submersible	1		517	4136.00	0.3	No
34	Gemalen van de Ledebeek	Polder van Moervaart en Zuidlede	2000	Archimedes screw	6		13200	1658.64	19.1	No
52	Kalve Brug	Polder van Moervaart en Zuidlede	1955	Screw	2		4800	2809.76	4.1	No
53	Kalve Terwest	Polder van Moervaart en Zuidlede	1950	Screw	2		1800	2400.00	1.8	No
70	Lange Kromme	Polder van Moervaart en Zuidlede	1958	Screw	3		4500	947.37	11.4	No
71	Langelede	Polder van Moervaart en Zuidlede	1978	Screw	3		3900	793.22	11.8	No
75	Lege Zijde	Polder van Moervaart en Zuidlede	1927	Screw	2		2400	1556.76	3.7	No
96	Ondergemaal Zaffelare	Polder van Moervaart en Zuidlede	1960	Archimedes screw	2		/		4.2	No
106	Rodenhuyze	Polder van Moervaart en Zuidlede	1977	Screw	3		4500	6000.00	1.8	No
115	Sint-Elooi	Polder van Moervaart en Zuidlede	2009	Archimedes screw	1		1020	2448.00	1.0	No
116	Sint-Francispolder	Polder van Moervaart en Zuidlede	1987	Archimedes screw	1		900	1963.64	1.1	Yes
118	Sint-Kruis-Winkel	Polder van Moervaart en Zuidlede	1953	Screw	2		2160	1993.85	2.6	No
125	Spletteren	Polder van Moervaart en Zuidlede	1929	Screw	1	centrifuaaal (1)	3720	9920.00	0.9	No
133	Valleien van Zuidlede en Moervaart	Polder van Moervaart en Zuidlede	1927	Screw	2	centrifuaaal (1)	6000	1870.13	7.7	No
140	Vispoelbeek	Polder van Moervaart en Zuidlede	1994	Submersible	1		375		0	No

143	Volvo	Polder van Moervaart en Zuidlede	1978	Archimedes screw	2		2040	2576.84	1.9	No
152	Weehaeg	Polder van Moervaart en Zuidlede	1950	Screw	3		11400	2910.64	9.4	No
23	Denderbellebroek	Polder van de Beneden Dender	/	Screw	4		21600	3323.08	15.6	No
37	Gijzegem	Polder van de Beneden Dender	2006	Screw	2		9792	9792.00	2.4	Yes
126	Steenbeek	Polder van de Beneden Dender	1995	Screw	4		14400	6063.16	5.7	Yes
28	Eekhoven	Polder van Rumst	1987	Archimedes screw	4		12600	50400.00	0.6	Yes
32	Esen	Polder Bethoostersche Broeken	1962	Archimedes screw	1		3600	1728.00	5	Yes
153	Werken	Polder Bethoostersche Broeken	1962	Screw	2		3600	2160.00	4	Yes
35	Gespoelde put	Polder Hamme-Moerzeke	1970	Screw	3		1755	353.95	11.9	Yes
41	Grootbroek	Polder van Grembergen	1985	Centrifugal	3		16200	4226.09	9.2	Yes
45	Hoofdsloot	Polder Vliet en Zielbeek	1977	Centrifugal	1		/		1.2	No
142	Vliet	Polder Vliet en Zielbeek	/	Screw	7		70560	3353.35	50.5	No
170	Ziel- en Appeldonkbeek	Polder Vliet en Zielbeek	/	Screw	6		35640	5031.53	17.0	Yes
55	Keetberg	Polder van het Land van Waas	1983	Screw	3		5760	1223.36	11.3	No
129	Stenegoot	Polder van het Land van Waas	1975	Screw	4		9720	321.32	72.6	No
141	Vlaemschen dijk	Polder van het Land van Waas	/	Screw	4		21600	8228.57	6.3	No
151	Watermolen	Polder van het Land van Waas	/	Screw	6		86400	2856.20	72.6	Yes
58	Klein Pontrave	Polder Durme Noord-West	2005	Centrifugal	1		360		0	No
60	Kloosterbroek	Polder Durme Noord-Oost	2008	Centrifugal	1		360	4320.00	0.2	No
105	Rodebeek	Polder Durme Zuid-Oost	2008	Centrifugal	2		1560	1872.00	2.0	No
61	Konkel	Polder tussen Schelde en Durme	1972	Screw	3		7200	5760.00	3.0	No
74	Leeggoed	Polder tussen Schelde en Durme	1958	Centrifugal	2		4800	2560.00	4.5	No

132	Turfput	Polder tussen Schelde en Durme	1985	Screw	2		6480	77760.00	0.2	No
134	Van Hecke	Polder tussen Schelde en Durme	2005	centrifuaaal	1		360	720.00	1.2	No
167	Zeie-Dijk	Polder tussen Schelde en Durme	1985	Screw	2		6120	6120.00	2.4	Yes
68	Lachenebeek	Polder van Lier	2000	Screw	2		10080	4032.00	6.0	Yes
99	Oud-veerstraat	Polder van Kruikeke	1994	Screw	2		2040	3264.00	1.5	No
108	Ronselaerebeek	Zwin-Polder	2004	Screw	3		19440	4712.73	9.9	Yes
119	Sint-Onolfs I	Polder St. Onolfs	/	Screw	2		3600	5082.35	1.7	Yes
120	Sint-Onolfs II	Polder St. Onolfs	/	Submersible	2		3600	1234.29	7.0	Yes
121	Sint-Trudo	Polder Sint Trudoledeken	1977	Archimedes screw	2		4200	1625.81	6.2	No
145	Voorde	Polder van Belham	/	Submersible	2		2400	2304.00	2.5	Yes
154	Wichelen	Polder van Belham	1973	Screw	4		29520	2704.12	26.2	Yes
157	Woumen	Zuidijzerpolder	1954	Screw	2		14400	286.80	120.5	Yes