

Program 54th NMR-DG meeting

Friday, October 18, 2019

Location: Communicatiecentrum De Boerderij, Herbert H. Dowweg 2, 4542 NM Hoek (haven 485)

Hosts: Ad Kimenai, Paolo Sabatino and Maria Oikonomou (Dow, Terneuzen)

09.30 Reception with coffee

09.30 Bus leaving from Goes railway station (please arrive with the 9.15 train)

10.15 **Edwin Mes**, Dow Chemical, Terneuzen, Introduction host

10.25 **Axel Kretschmer**, Dow Chemical, Brussels, Aspects and Examples of ²⁹Si NMR Spectroscopy

10.50 **Elwin van der Cruisen**, DSM Biotechnology Center, Delft, Kinetic measurement of enzyme performance in application matrix using time-resolved NMR spectroscopy

11.10 **Frank Vergeldt**, Wageningen University and Research, Multi-component quantitative magnetic resonance imaging by phasor representation

11.30 **Kristina Djanashvili**, TU Delft, Department of Biotechnology, Potential of paramagnetic porous nanosystems for MRI applications revealed by NMR

11.55-14.00 Poster session, lunch buffet and Dow site visit

14.00 **José Martins**, Ghent University, Unraveling the mode of action of Pseudomonas cyclic lipopeptides: Looking for clues with NMR

14.25 **Helen Grüniger**, Radboud University Nijmegen, Unravelling ringwoodite's hydrous defect chemistry by NMR crystallography

14.45 **Donny Merckx**, Unilever, Vlaardingen, Early assessment of oxidative stability in mayonnaise by ¹H NMR and ESR

15.05 **Davy Sinnaeve**, CNRS Lille, Separating the wheat from the chaff: measuring couplings in challenging systems

15.25 **Paul Van der Meeren**, Ghent University, Physicochemical characterisation of multiple W/O/W emulsions by NMR diffusometry and relaxometry

15.50 Closure

16.30 Bus leaving for Goes railway station

16.00-17.00 Drinks

Routebeschrijving naar Dow Terneuzen

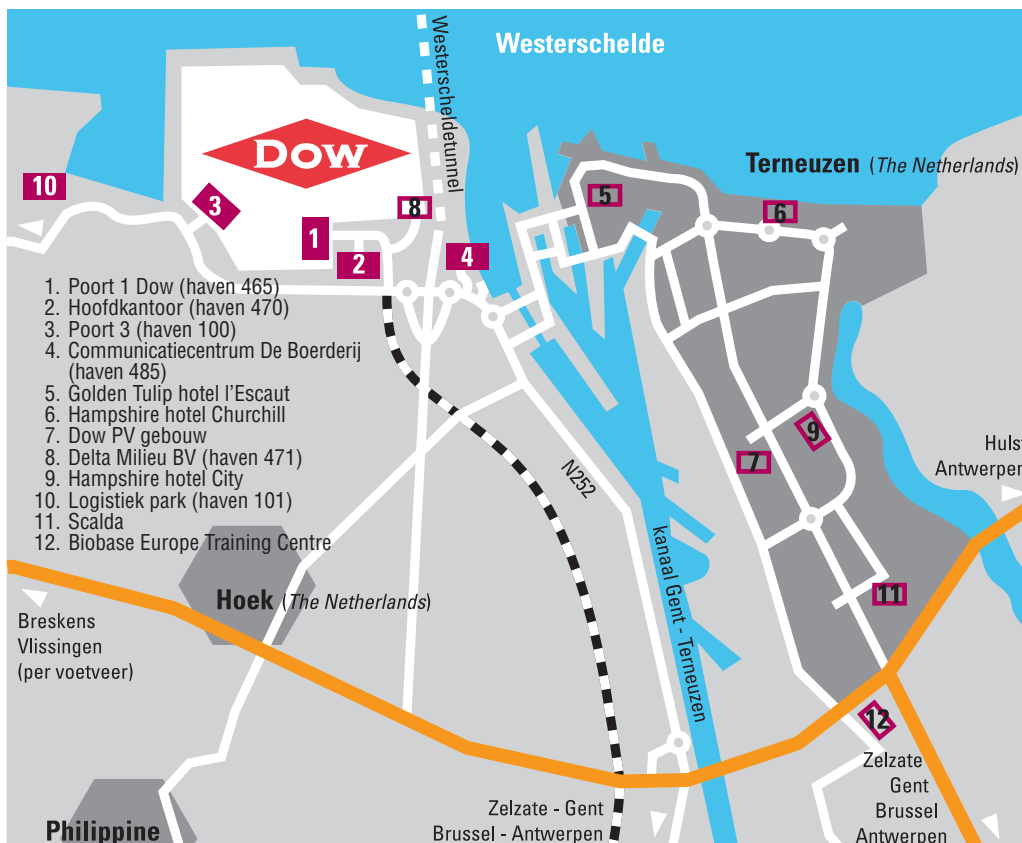


Via Amsterdam / Rotterdam

- Volg A16 richting Breda
- Volg afrit A58 Bergen op Zoom
- Voorbij Bergen op Zoom A58 richting Vlissingen
- Volg N62 richting Terneuzen, Westerscheldetunnel (TOL)
- Na Westerscheldetunnel afrit Terneuzen.
- Volg aanduidingen **havennr. 465**: Poort 1
havennr. 470: Hoofdkantoor
havennr. 485: Communicatiecentrum De Boerderij.

Via Zaventem Airport Brussels "Zaventem"

- Richting "ring" E19 Antwerpen
- Op ring afrit E19 Antwerpen
- Door "Craeybeckxtunnel" ring Antwerpen
- Richting E17 Gent
- Na Kennedytunnel afrit N49/A11 Rotterdam/Brugge
- Afrit Zelzate Oost
- N253 naar Terneuzen
- Volg aanduidingen **havennr. 465**: Poort 1
havennr. 470: Hoofdkantoor
havennr. 485: Communicatiecentrum De Boerderij



1. Poort 1 Dow (haven 465)
2. Hoofdkantoor (haven 470)
3. Poort 3 (haven 100)
4. Communicatiecentrum De Boerderij (haven 485)
5. Golden Tulip hotel l'Escaut
6. Hampshire hotel Churchill
7. Dow PV gebouw
8. Delta Milieu BV (haven 471)
9. Hampshire hotel City
10. Logistiek park (haven 101)
11. Scalda
12. Biobase Europe Training Centre

Dow Terneuzen Herbert H. Dowweg 5 • 4542 NM Hoek Postbus 48 • 4530 AA Terneuzen
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Route description to Dow Terneuzen

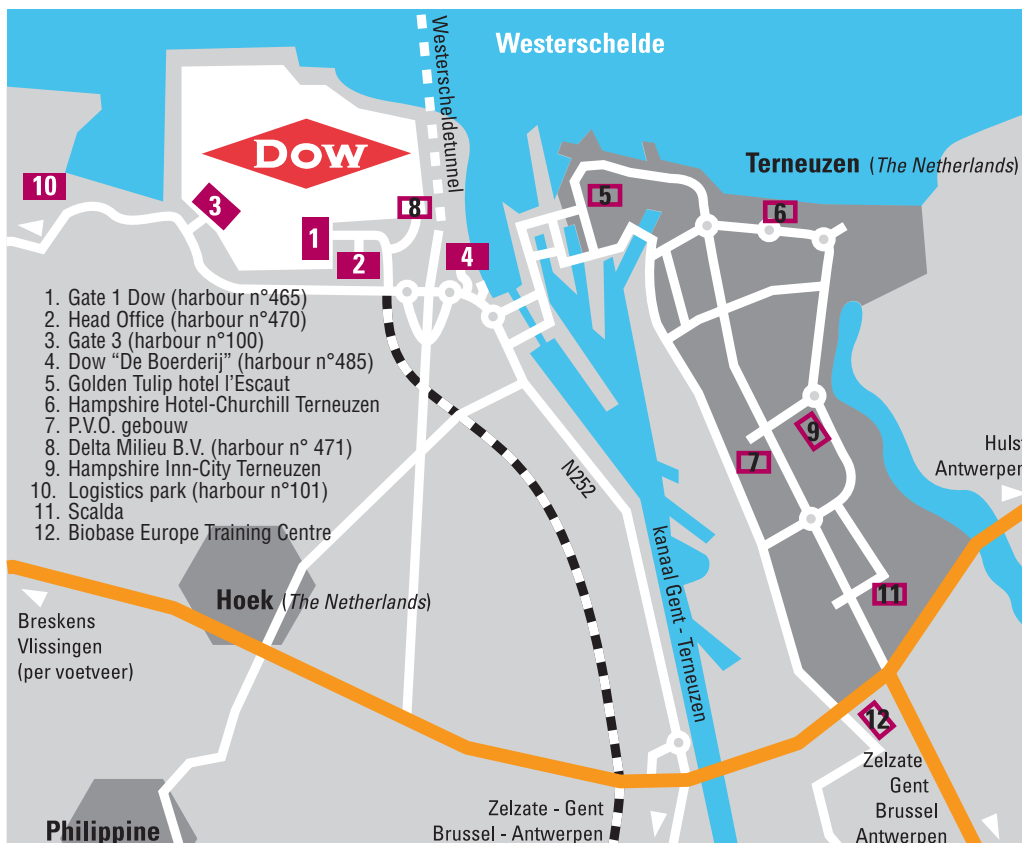


Via Amsterdam / Rotterdam

- Follow A16 direction Breda
- Follow exit A58 Bergen op Zoom
- Past Bergen op Zoom A58 direction Vlissingen
- Follow exit N62 direction Terneuzen - Westerscheldetunnel (TOL).
- After Westerscheldetunnel, Terneuzen turnoff,
- Follow signposts marked : **harbour n. 465** : gate 1.
harbour n. 470 : main office
harbour n. 485 : communication center De Boerderij.

Via Zaventem Airport Brussels "Zaventem"

- "Ring" E19 Antwerp
- On "ring", Exit E19 Antwerp
- Through "Craaybeckstunnel" on Antwerp "ring"
- E17 Ghent
- After Kennedy Tunnel, N49/A11 turnoff Rotterdam/Brugge
- Zelzate Oost turnoff
- N253 Terneuzen
- Follow signposts marked **harbour n°. 465**: gate 1
harbour n°. 470: main office
harbour n°. 485: communication center De Boerderij



1. Gate 1 Dow (harbour n°465)
2. Head Office (harbour n°470)
3. Gate 3 (harbour n°100)
4. Dow "De Boerderij" (harbour n°485)
5. Golden Tulip hotel l'Escout
6. Hampshire Hotel-Churchill Terneuzen
7. P.V.O. gebouw
8. Delta Milieu B.V. (harbour n° 471)
9. Hampshire Inn-City Terneuzen
10. Logistics park (harbour n°101)
11. Scalda
12. Biobase Europe Training Centre

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