Water Innovations & Partnerships
Italy & the Netherlands
Colophon

Partners:
Netherlands Embassy in Rome
Netherlands Consulate General in Milan
Netherlands Enterprise Agency (RVO)
Netherlands Ministry of Infrastructure and the Environment
Netherlands Ministry of Foreign Affairs
Fondazione per lo Sviluppo Sostenibile
Netherlands Water Partnership (NWP)

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www.nwp.nl

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The Hague, The Netherlands
Innovation & Water for Quality of Life

a renaissance of the Leonardo da Vinci spirit

Rome & Milan, June 20-23 2017
Innovation & Water for Quality of Life
Italian-Dutch Partnerships on Water

In recent years a series of meetings and events took place to develop Italian-Dutch cross-sectoral water partnerships. During the World Expo Milan in 2015, World City Summit in Singapore in 2016 and several missions to Italy and the Netherlands, Italian and Dutch governments, businesses, knowledge institutions and NGO’s joint their forces to intensify strategic cooperation.

In this context, the Dutch Economic Water Mission to Italy took place on June 20-23 in Rome and Milan. This Water Mission was organized parallel to the State Visit of His Royal Highness King Willem-Alexander and Her Royal Highness Queen Máxima to Italy.

Driven by the challenges related to water and climate change like the droughts and desertification of southern Italy and Tuscany or floods in the northern part of Italy during spring and autumn, the imbalance of nutrients in the north and sensitivities related to refugees at the borders of the EU, opportunities for economical cooperation in the Balkan, Middle East and Africa are of significant impact to intensify the ties between both countries.

During the Water Mission a variety of topics for further development of partnerships were programmed such as water management, urban climate adaptation, circular economy and water utilities. On all levels, national, regional and local, there was strategic and operational cooperation created between businesses and governments.

This document reflects on the Water Mission yields, and looks forward to the future. It summarizes the partnerships and topics for cooperation that evolved during the Water Mission. And can be considered as a Statement of Cooperation by the committed stakeholders.

Feel invited to join and contribute to Italian-Dutch partnerships!
Water Seminar

B2B-Matchmaking

G2G-Sessions
MILAN

Company & Field Visits

Trade Diner

Water Forum
Inter-Regional Cooperation

Participants Table of Cooperation

1. Mr. Rik Janssen, Province of Zuid-Holland, Regional Minister for Environment, Water and Water Transport
2. Mr. Jaap Smit, Province of Zuid-Holland, Kings Commissioner in the Province of Zuid-Holland
3. Mr. Marcus Hukema, Province of Zuid-Holland, Advisor European Affairs
4. Mr. Henk Kranendonk, Drechtsteden region, Director of city development
5. Mr. Wiebe Brandsma, Province of Zuid-Holland, Director Economic Affairs and Innovation
6. Mrs Claudia Maria Terzi, Regione Lombardia, Regional Minister for Environment, Energy and Sustainable Development
7. Mr Mario Nova, Regione Lombardia, DG Environment, Energy and Sustainable Development Dept.
8. Rosangela Morana, Regione Lombardia, Deputy Director, DG University, Research and Open Innovation
9. Mauro Alberti, Infrastrutture Lombarde SpA, Energy & Environmental Sustainability Unit
10. Mr. Massimo Depaoli, ANCI Lombardia - National Association of Italian municipalities, Member of the Board and mayor of Pavia
11. Rinaldo Redaelli, ANCI Lombardia - National Association of Italian Municipalities, Deputy Secretary
Main Table Conclusions

* Province of Zuid-Holland and Lombardia Region are complementary: PZH good contacts with European Commission and European Parliament, and LR experienced with EU-projects

* Concrete mile stone achieved: MOU as result of two year relation building

* Signed MoU for 3 years on cooperation on innovation and sustainable development

* Several cooperation in place in fields of 1) water/culture, 2) water/innovation, 3) air quality, 4) economy in transition, 5) logistics.

<table>
<thead>
<tr>
<th>Initiatives for Cooperation</th>
<th>Involved Partners</th>
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<tbody>
<tr>
<td>Memorandum of Understanding with below listed activities to be jointly realized</td>
<td>Province of Zuid-Holland Lombardia Region</td>
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<tr>
<td>Lobby to EU</td>
<td>Province of Zuid-Holland Lombardia Region</td>
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<tr>
<td>LIFE projects</td>
<td>Province of Zuid-Holland Lombardia Region</td>
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<tr>
<td>Sustainable urban mobility / climate</td>
<td>Province of Zuid-Holland Lombardia Region</td>
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<tr>
<td>PZH to visit LR to detail agenda of cooperation</td>
<td>Province of Zuid-Holland Lombardia Region</td>
</tr>
<tr>
<td>In 2018 LR Agricultural Minister to visit PZH with triple helix representation</td>
<td>Province of Zuid-Holland Lombardia Region Knowledge Companies</td>
</tr>
</tbody>
</table>
**Participants Table of Cooperation**

1. **Mr. Arnoud Molenaar**, City of Rotterdam, Chief Resilience Officer  
2. **Mr. Frank Uffen**, The Student Hotel, Partner  
3. **Mr. Jan Willem Roël**, Holland Floating Solutions, Partner  
4. **Mrs. Caroline Gehrels**, ARCADIS, European Director Big Urban Clients  
5. **Mr. Bram van Hemmen**, Drechtsteden region, Mayor of the city of Sliedrecht  
6. **Mr. Michiel Dethmers**, ING, Head Transaction Services Sales Italy  
7. **Mr. Jeroen van Herk**, LINKit consult, Senior Consultant Water and Nature / Director  
8. **Mr Alessandro Russo**, Cap Holding, President  
9. **Mr Demetrio Scopelliti**, Comune di Milano, Resilience expert and 100RC liasdon officer  
9. **Mrs Scira Menoni**, Politecnico di Milano, Professor  
10. **Mrs Caterina Sarfatti**, C40, Strategic Programmes Manager & European Regional Deputy Director  
11. **Mr Marino Bonaiuto**, Università la Sapienza di Roma, Professor  
12. **Mr Matteo Ravà**, COIMA, Managing director  
13. **Ms Maria Luisa Parmigiani**, Unipol, Sustainability manager
Main Table Conclusions

The cities at the table have different context but similar challenges on water and urban resilience. Many participate in the same city networks as 100RC, C40 and Euro Cities where already knowledge exchange is in place. More in depth cooperation is considered valuable to the policy and implementation which requires innovative and unique expertise.

Rome, Venice and Milan have shared challenges caused in their upstream river basin areas. Programs have been identified related to these challenges in which Italian-Dutch cooperation can be used.

Shared need was identified for research to clarify added value of urban resilience (added resilience value).

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<tr>
<td>City Exchange on water and urban resilience (following Rotterdam model) in Drechtsteden Region in spring 2018</td>
<td>City of Rotterdam, Province of Zuid-Holland, Drechtsteden Region, Ministry Infrastructure &amp; Environment, City of Rome, City of Venice, City of Milan</td>
</tr>
<tr>
<td>Cooperation on integrated urban resilience strategies and implementation</td>
<td>LinkitConsult, ARCADIS, Lombardia Region, Province of Zuid-Holland, CAP Holding, Student Hotel</td>
</tr>
<tr>
<td>Cooperation on common research for ‘added resilience value’</td>
<td>C40, University Milan, Unipol, Possibly 100RC, EUR, TU</td>
</tr>
<tr>
<td>Cooperation on specific pilot project as floating bicycle paths along Tiber River. Cooperation on sustainable re-use of buildings for attracting and keeping young talent.</td>
<td>Holland Floating Solutions, City of Rome, City of Milan, The Student Hotel</td>
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</tbody>
</table>
## Participants Table of Cooperation

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<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Organization/Department</th>
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<tbody>
<tr>
<td>1</td>
<td>Mrs. Anouk Van Eekelen</td>
<td>Drechtsteden region, Vice Mayor</td>
<td>Regione Lombardia</td>
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<tr>
<td>2</td>
<td>Mrs. Manita Koop</td>
<td>Association Regional Water, Managing Director</td>
<td>Association Regional Water</td>
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<tr>
<td>3</td>
<td>Mr. Gerard Manshanden</td>
<td>FishFlow Innovations, Owner/Director</td>
<td>FishFlow Innovations</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Martin Hulsebosch</td>
<td>Drechtsteden region, Senior policy advisor department of city development</td>
<td>Drechtsteden region</td>
</tr>
<tr>
<td>5</td>
<td>Mr. Stefano Goglio</td>
<td>ARCADIS Italia, Project Manager</td>
<td>Business Development</td>
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<tr>
<td>6</td>
<td>Mr Professor Stefano Sibilla</td>
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<tr>
<td>7</td>
<td>Mr Fabio Marelli</td>
<td>Metropolitana Milanese Spa, Director of the drinking water supply network</td>
<td>Metropolitana Milanese Spa</td>
</tr>
<tr>
<td>8</td>
<td>Mr Dario Parravicini</td>
<td>Città Metropolitana di Milano, Director of economic and social development department</td>
<td>Città Metropolitana di Milano</td>
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<tr>
<td>9</td>
<td>Ms Roberta Guaineri</td>
<td>City of Milan, Deputy Mayor for Tourism and Sport</td>
<td>City of Milan</td>
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<tr>
<td>10</td>
<td>Mrs Isabella Menichini</td>
<td>City of Milan, Head Tourism Department</td>
<td>City of Milan</td>
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<tr>
<td>11</td>
<td>Mrs Beatrice Majone</td>
<td>Studio Majone, Managing Director</td>
<td>Studio Majone</td>
</tr>
<tr>
<td>12</td>
<td>Mrs Giuseppina Sordi</td>
<td>City of Milan, Director Urban Development Planning Department</td>
<td>City of Milan</td>
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<tr>
<td>13</td>
<td>Mr Iacopa Mazzetti</td>
<td>City of Milan</td>
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</table>
Main Table Conclusions

* Drechtsteden Region and Milan concluded that both have shared opportunities and challenges on use of water for urban and economic development.
* Public communication / participation important with opening the Navigli of Milan.
  * Emphasize on cultural heritage.
  * Use Navigli for transportation and mobility.
  * Encourage, sponsor and co-create sustainable tourism.
  * Increase absorption EU funds, EU calls, promote PPP.
* Suggestion by HM Queen Máxima: optimize cycle and systems of water consumption.

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<tr>
<td>City exchange of Milan, Rome and Venice to</td>
<td>Drechtsteden Region</td>
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<tr>
<td>Drechtsteden Region and Rotterdam</td>
<td>City of Rotterdam</td>
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<td>City of Rome</td>
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<td>City of Venice</td>
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</tbody>
</table>
Participants Table of Cooperation

1. Mr. Jan Robert Huisman, Evides Industriewater, Director Industrial Water
2. Mr. Menno Holterman, Nijhuis Industries Holding, CEO
3. Mr. Hein Molenkamp, Hein Molenkamp, Managing Director
4. Mrs. Maria Briglia, NuReCo, Director Manager
5. Mr. Eric van Sonsbeek, EColoRO, Director
6. Mr. Jaap Stuiver, Bluecon International, Director/Owner
7. Mr. Luca Sittoni, Deltares, Sr. Adviser - Business Development Italy
8. Mr. Luca Bertucci, ARCADIS Italia, Dottore
9. Mr. Gabriele Versolato, Nijhuis Industries, Sales Director Italy
10. Mr. Wilbert Smeets, SESA, Plant Director
11. Mrs. Judith van Vliet, Clariant, VP Communications & Public Relation
12. Mr. Angelo Mandato, SESA, Vice president
13. Mr Claudio Anzalone, HERA
14. Mr Stefano Cetti, MM, DG
15. Mr Roberto Gatto, Fluiteco, Business development Manager
Main Table Conclusions

* Implementation of Circular Economy starts with small projects, communication and sharing.

* Circular economy requires support of local communities. Therefore transparency in communication is essential.

* New generations (X and Z) are more ideology-driven, and therefore needed to create circular mindset. We have to support them to have influence.

* Access to EU and national circular projects is a challenge for Dutch and Italian participants.

* Sharing success stories of circular economy will accelerate circular development.

* Innovation is essential. Government to lead and facilitate.

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<tr>
<td>Strategic cooperation between SESA Bioman and Nijhuis Industries - 5 projects already agreed between parties</td>
<td>SESA Bioman, Nijhuis Industries</td>
</tr>
</tbody>
</table>
Port Development

Participants Table of Cooperation

1. Mr. Robbert Moree, Ministry for Infrastructure and the Environment, Adviser International Waterpolicy
2. Mr. Miguel Pires, Boskalis International, Desk Manager Area South Europe
3. Mr. Koos Wieriks, Ministry for Infrastructure and the Environment, Strategic Advisor International Water Management
4. Mr. Andrea Trevisan, Damen Shipyards, Sales Manager North, West & South Europe
5. Mr. Mario Patacchia, Boskalis International, Regional Manager Italy
6. Mr. Javier Alvarez de Eerens, Rabobank International, Manager International Desk Italy & Spain
7. Mr. Alessandro Aresu, ARCADIS Italia, Business development Director
8. Mr. Michel Boom, Netherlands Enterprise Agency
9. Mr. Zeno d'Agostino, Assoporti, President
10. Mr. Paolo Perani, ANIE, Vice President
11. Mr. Stefano Corsini, Livorno Port Authority, President
12. Mr. Diego Paltrinieri, Arenaria, GD
13. Mr. Paolo Emilio Signorini, Genoa Port Authority, President
14. Mrs. Michela Cattaruzza, Ocean Team, CEO
15. Mr. Francesco Messineo, Naples Port Authority, SG
Main Table Conclusions

* New Italian law identifies port sludge not necessarily as polluted. Italian Port Authorities interested in knowledge exchange on sludge qualification.

* Italian-Dutch cooperation on structural maintenance of ports and water ways regarded as highly potential.

* Use of environmental friendly fuels is desired. EU and national legislation is not supportive, and there are practical challenges. Knowledge is requested.

* Initiative for hybrid ship propulsion: electric in ports and fossil on sea.

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<tr>
<td>It is agreed to have follow up meeting in Rome or Netherlands on structural maintenance on</td>
<td>Boskalis International</td>
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<tr>
<td>dredging and on criteria for new Italian dredging law.</td>
<td>Livorno Port Authority</td>
</tr>
<tr>
<td>Italian member of European Sustainable Transport Forum will contact Dutch counterpart for</td>
<td>Genoa Port Authority</td>
</tr>
<tr>
<td>follow up alternative fuel directive for ships. To put this topic on agenda.</td>
<td>Naples Port Authority</td>
</tr>
</tbody>
</table>
The AIWW is one of the most diverse and innovative water events in the world. Cities, utilities and industries meet at all levels. The unique combination of the world renowned Aquatech Trade Exhibition, Floodex and the AIWW Conference, means that solutions and business connect with policy and science to discuss a broad range of subjects. A unique opportunity for you to share your views with over 20,000 professionals.

In 2015, Ministers, Mayors, CEOs, leading experts and policy makers met in Amsterdam, the Netherlands. The unique mix of people and subjects created a buzz and influx of new insights and accelerated the transition to resilient cities and a circular economy. As EU commissioner Karmenu Vella stated: “The circular economy is a very good business case”. Participants felt inspired to move forward together.

This year, we are even more ambitious. ‘Water...and nine billion people’ is the subject of the conference. How do we make sure we have a safe and sustainable water future in high density living areas? We will be matching concrete, real life water cases and case owners to international experts and solutions.

AIWW aims for ‘Amsterdam Agreements’ where case owners and stakeholders as experts, suppliers, investors, pledge to continue their work until they reach the goals that they have set.

We believe this new concept will make the AIWW 2017 an event where new strategies and real breakthroughs are made and a community of innovators is forged. An event where discussion translates into action and old ways make way for new ideas and action. The success of last edition makes us confident we can reach that goal.
Amsterdam International Water Week (AIWW) as next step

Concrete next steps have been identified and different stakeholders have agreed on the implementation and follow-up actions.

Further development of the partnerships resulting from the Italian-Dutch Water Mission requires concrete next steps. Commitment of stakeholders, identification of cases for cooperation, and further actions are to be planned.

The AIWW conference and exhibition is an excellent moment in time as stepping stone for the partnerships resulting from the Italian-Dutch Water Mission. The AIWW is organized from October 30th until November 3rd in Amsterdam.

It is proposed to use the AIWW as collective moment to bring the Italian-Dutch partnerships to a next level. You are invited to come and join the Italian-Dutch program and plug in your initiative!