



The Dutch Horticulture Sector

Examples of Dutch-Turkish Co-operation

G2G/B2B

Ugur ISIN
Assistant to the Agricultural Counsellour
The Netherlands Embassy
Ankara, Turkey



The Netherlands

Surface area
33,800 km²



TURKEY
Total Area 78.5 million ha





The Netherlands is one of the world's largest exporters of agricultural and food products, thanks to its innovative agrifood technology.

Agri-Food export figures 2017

Totale export from the Netherlands

€ 101 billion

Top 5 export products

Materials and technology
€ 9.1 billion

Flowers € 9.1 billion

Dairy and eggs € 8.9 billion

Meat € 8.3 billion

Vegetables € 6.7 billion



Top 3 destinations



Germany

24.7%



Belgium

11.2%



United Kingdom

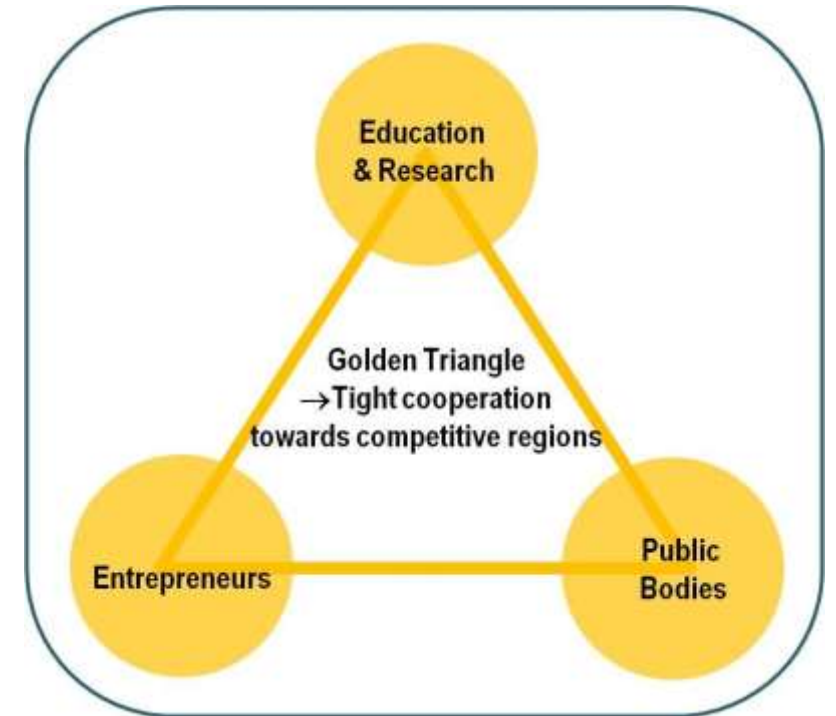
9.2%



- The Netherlands is the EU's biggest agri-food exporter
- And the second biggest in the world

The famous secret: Golden Triangle

- The Netherlands is a hotbed of R&D in the area of agri-food, due largely to the excellent knowledge infrastructure and close collaborations between knowledge institutes, government and the private sector, the so-called “golden triangle”.
- Key R&D centres include Wageningen University and Research Centre (WUR), the Top Institute Food & Nutrition and the public-private innovation program FND+.
- Some 12 out of the 40 largest Food & Beverage companies in the world have R&D facilities located in the Netherlands.



Holland: where tradition and innovation are one

- The Dutch shaped their land, and the land in turn shaped their mind-set and approach to solving tomorrow's challenges.
- Partnership and innovation is in the Dutch DNA, with creative, sustainable solutions in the areas of health, food, water, energy and infrastructure
- The Dutch highly value their traditions while keeping an open mind to exploring new opportunities, and embracing new challenges.
- The Dutch constantly seek collaborations in finding the best possible solution to the problem, going beyond known cultural and technological boundaries.



DID YOU KNOW THAT...



...Python was conceived in Amsterdam?



...Bluetooth was co-invented by
the Dutch electrical engineer Jaap Haartsen?



...Dutch companies invented these technologies?

Top Sectors in Focus



intelligent greenhouses that can float on water

In its economic policy, the Dutch government is focussing on nine business sectors that are key to Holland's international trade and investment.

These are sectors that are leading the way in innovation and sustainability, collaborating with Holland's knowledge institutes on worldclass research and development.

Together, these sectors are the drivers of the Dutch economy.

For edible vegetables Holland is second in world exports. Only China is a greater exporter for vegetables. The Netherlands is the fourth largest exporter for fruits. Only the USA, Spain and Chile export more.

World's leading supplier of flowers, plants and trees Horticulture Sector



Leon Ammerlaan has a pot plant nursery in Pijnacker. The geothermal he uses to inflates his company inflatable structure also provides 470 apartments with energy.

- The Dutch horticulture sector is a global trendsetter and the undisputed international market leader in flowers, plants, bulbs and propagation material.
- Holland has a 44% share of the worldwide trade in floricultural products, making it the dominant global supplier of flowers and flower products.
- The sector is the number 1 exporter to the world for live trees, plants, bulbs, roots and cut flowers.
- Dutch horticultural innovations include intelligent greenhouses that can float on water, moving platforms, robots, innovative lighting, water and waste recycling, and greenhouses that generate more energy than they consume and thus contribute to a reduction in CO2.

Turkey



TURKEY

Agricultural Land	23,9 million ha
Pastures and meadows	14,6 million ha
Forests	21,6 million ha

Total Area	78.5 million ha
Population	78.7 million

Number of agricultural holdings	3 million
Average size per holding	6 ha

Number of provinces	81
Number of towns and districts	919
Number of villages	18.330

Source: TURKSTAT

Total Vegetable Production

- 28,8 tons of production in 2002 reached to 28,5 million tons in 2015.
- The increase in the last 13 years has been 14%.

Tomato Production

- 9,5 million tons of production in 2002 reached to 12,6 million tons in 2015.
- The increase in the last 13 years has been 34%.

Cucumber Production

- 1,7 million tons of production in 2002 reached to 1,8 million tons in 2015.
- The increase in the last 13 years has been 6%.

Cherry Production

- 210 thousand tons of production in 2002 reached to 536 thousand tons in 2015.
- The increase in last 13 years has been 155%.

Citrus Fruits Production

- 2,4 million tons of production in 2002 reached to 4 million tons in 2015.
- The increase in last 13 years has been 60%.

Total Crop Production

- 30,8 million tons of production in 2002 reached to 38,6 million tons in 2015.
- The increase in last 13 years has been 25%.

Total Fruit Production

- 13,3 million tons of production in 2002 reached to 17,5 million tons in 2015.
- The increase in the last 13 years has been 32%.

Banana Production

- 95 thousand tons of production in 2002 reached to 271 thousand tons in 2015.
- The increase in the last 13 years has been 185%.

Apple Production

- 2,2 million tons of production in 2002 reached to 2,6 million tons in 2015.
- The increase in the last 13 years has been 18%.

Corn Production

- 2,1 million tons of production in 2002 reached to 6,4 million tons in 2015.
- The increase in last 13 years has been 205%.

Paddy Production

- 360 thousand tons of production in 2002 reached to 920 thousand tons in 2015.
- The increase in last 13 years has been 156%

Sun Flower Production

- 850 thousand tons of production in 2002 reached to 1,7 million tons in 2015.
- The increase in last 13 years has been 98%.

Overview Government to Government (G2G) projects (Netherlands' bilateral funding)

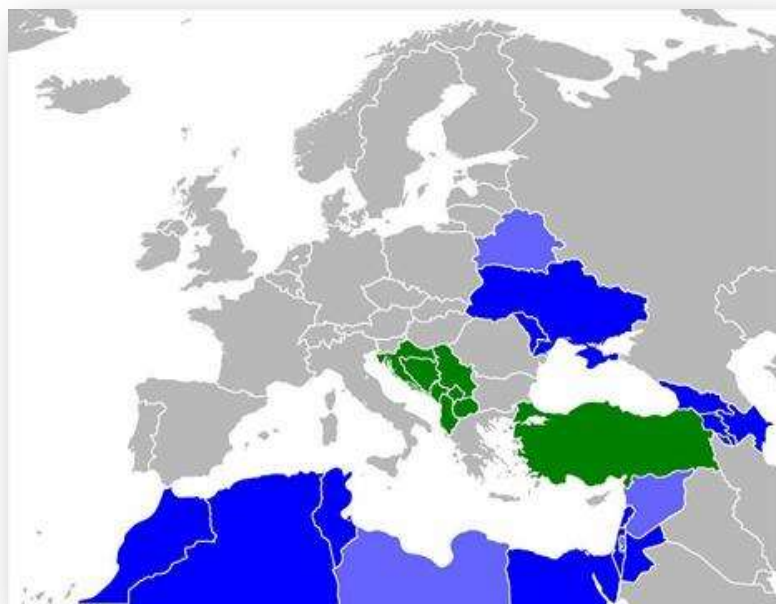
Meeting at Ziraat Bank for rural credit schemes
G2Go8 TR o8o9



Field trip exploring pasture management
G2G 07 TR 09 04



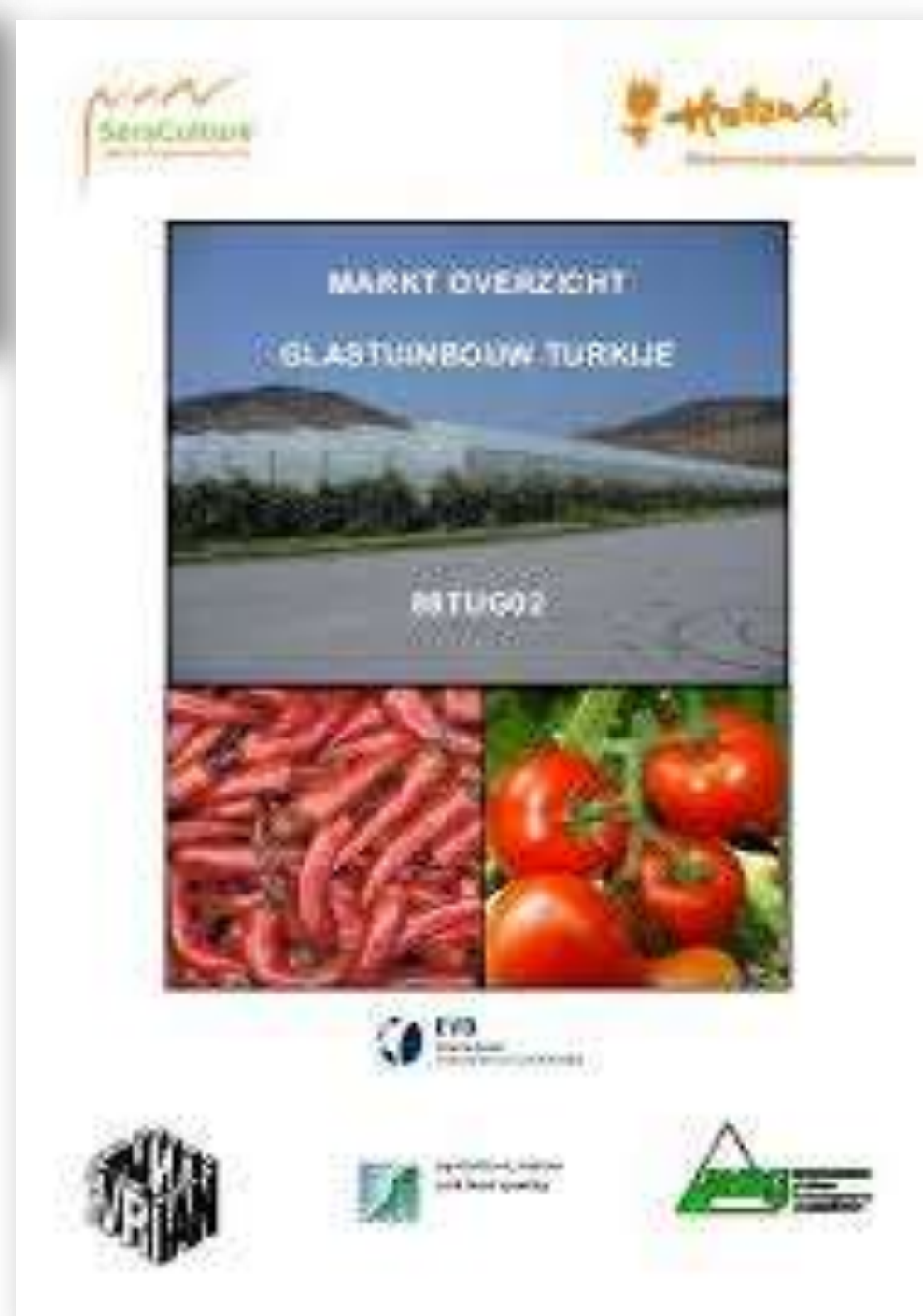
Project code and Title	Period	Contacts Netherlands	Contacts Turkey	Budget in €
G2G 10 TR 08 03 Implementation of Molecular Techniques for Plant Quarantine Nematodes in Plant Quarantine Services In Turkey	01-2010 until 01-2012	VWA: Jos van Meggelen	Dr. Nevzat Birişik Dr. Halil Toktay	110.000
G2G 10 TR 08 02 Improvement of official controls of mycotoxins in food and feed in Turkey	10-2010 until 01-2012	VWA: Michiel Rijsenbrij	MoFAL: Ms. Tuna Özgül	125.000
G2G 10 TR 05 05 Development of a decision support tool for the greenhouse sector in Turkey	01-2011 until 06-2012	Vrian Projects B.V: Allard Andela	Ankara University: Prof. Dr. Burhan Özkan	125.000
G2G 09 TR 09 03 Support for the general strategy for brucellosis and tuberculosis control in Turkey	01-2010 until 01-2012	VetEffect: Remco Schrijver CVI: Fred van Zijderveld	MoFAL: Ms. Tuna Özgül Mr. Habib Canr	300.000
G2G 09 TR 09 01 Strengthening of institutional capacity to implement a large multi-level land consolidation program in Turkey	01-2010 until 01-2012	DLG: Niek Bosmans Kadaster: Rik Wouters	MoFAL: Mr. Dr. Gürsel Küsek	300.000
G2G 09 TR 05 11 G2G feasibility study incl. a training and business plan	09-2009 until 05-2010	Q-Point: Carel Jaspers	MoFAL: Ms. Tuna Özgül	110.000
G2G 08 TR 09 01 Traceability and Record Keeping of the Plant Protection Products Used in Crop Production	01-2009 until 09-2011	nVWA: Ron Dwinger	MoFAL: Ms. Tuna Özgül	400.000
G2G 08 TR 08 13 Technical support for the identification of rural areas	12-2008 until 07-2009	DLG: Jan van Rheenen	MoFAL: Mr. Enver Aksoy Mr Ahmet Erkan Ms. Ilknur Dede Ms. Suna Acartepe Ms. Olko Türkoğlu	115.000
G2G 08 TR 08 09 Technical support for the establishment credit schemes for rural investments	3-2009 until 09-2010	DR: Robert Stunt	MoFAL: Hr. Ahmet Zahir Erkan Ms. Güher Kaşıkçı	130.000
G2G 08 TR 08 03 TA assistance in relation to land realloiment and IT	8-2008 until 08-2009	Kadaster: Rik Wouters DLG: Niek Bosmans	MoFAL: Mr. Dr. Gürsel Küsek	100.000



Overview EU-funded Twinning projects in Turkey

In the fields of Environment, Agriculture, Rural Development, and involving partners from The Netherlands

Project code and Title	Period	Contacts Netherlands	Contacts Turkey	Budget in €
TR09 IB EN 03 "Capacity Building on Water Quality Monitoring"	10-2011 until 10-2013	William Oliemans Projectleader DLG Henk Sterk Resident Twinning Advisor	DSI Ministry of Enviroment and Urbanisation	2.000.000
TR09 IB EN 02 "Strengthening of Institutional Capacity on CITES Implementations"		DR	Former Ministry of Environment and Forestry (MoEF)	1.425.000
TR09 IB AG 01 "Extending the Pilot FADN Project and Ensure Sustainability"	05-2011 until 09-2012	George Beers Projectleader WUR/LEI Hans Vrolijk Resident Twinning Advisor	Mr. Enver Aksoy Ms. Ilknur Dede Ms. Suna Acartepe Ms. Ölkü Türkoglu	1.450.000
TR08 IB EN 01 "Environment and Countryside under IPARD"	10-2010 until 01-2012	Niek Bosmans Projectleader DLG Pille Koorberg Resident Twinning Advisor (Estonia)	Ahmet Zahir Erkan Projectleader MoFAL Ms. Yeşim Kantaş Erdoğan Resident Twinning Advisor counterpart	1.000.000
TR07 IB EN 01 "Implementation of Nitrate Directive"	01-2009 until 12-2009	Peter van der Goot Projectleader DLG	MoFAL Mr. Ali Kasacı Mr. Necati Salman	1.000.000
TR07 IB AG 01 "Introduction of Stock Assessment to the Fisheries Management System of Turkey"	01-2009 until 01-2010	DR	MoFAL	2.200.000
TR06 IB EN 01 "Capacity Building Support to the Water Sector in Turkey"	03-2008 until 01-2010	Niek Bosmans Projectleader DLG Henk Sterk Resident Twinning Adviso	DSI Ministry of Enviroment and Urbanisation MoFWA Formerly MoEF	2.375.000
TR06 IB AG 02 "Development of the seed sector in Turkey and alignment to the EU"	02-2008 until 08-2009	Naktuinbouw	MoFAL	2.020.000
TR05 IB EC 01 "Reinforcement of institutional capacity for establishing a Product Safety System in Turkey"	01-2007 until 07-2008	DR, nVWA	Undersecretariat of Prime Ministry for Foreign Trade	1.500.000



Some of the The Dutch companies active in Turkey



—innovators in agriculture—



Thank you...

