



DNB international workshop and seminar programme 2020

Bringing
knowledge
and people
together

DeNederlandscheBank

EUROSYSTEEM

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From left to right: Paul Hilbers (Director of the Financial Stability Division)
Alice van de Werfhorst (Assistant Technical Cooperation Centre)
Sandra van 't Hof (Assistant Technical Cooperation Centre)
Carel van den Berg (Coordinator Technical Cooperation Centre)

Foreword

We are pleased to present the 2020 programme for DNB’s international workshop and seminar series. Our workshop and seminar series aims at capacity building at fellow central banks and supervisory authorities. New challenges are constantly on the horizon, both for monetary and supervisory authorities. This challenging environment underlines the great importance for central banks and supervisory authorities to be able to take well-informed decisions by drawing on the latest expertise and best practices. Our programme aims to develop knowledge and deeper understanding of central bank and supervisory issues as well as the skills to apply this knowledge.

Central banks also carry a responsibility in promoting social goals, like meeting internationally agreed Sustainable Development Goals. Where possible, our seminars will pay attention to those objectives.

DNB’s international workshop and seminar programme comprises seven workshops and seminars held in Amsterdam. All seminars and workshops are led by DNB experts who work in the respective fields on a daily basis, thereby providing a practical and hands-on perspective. We also attach great value to peer-to-peer learning. To that end participants are actively encouraged to share their views. A good command of English is therefore required.



Paul Hilbers
Director Financial Stability Division

As in previous years, we will also organise a number of international seminars outside the Netherlands and we are grateful for the kind support of partner central banks to help organise these regional events. When there is a need for knowledge-sharing on very specialized topics we will introduce short courses by video conferencing lasting several hours. Around April 2020 we will announce a date for a video conference on energy transition stress testing in the second half of 2020. Please consult the DNB website later this year.

In addition to our seminars, De Nederlandsche Bank offers tailor-made technical cooperation to central banks and prudential supervisors, both on a bilateral basis and as partner in large-scale projects coordinated by international organisations. In doing so, we concentrate on the needs of the IMF constituency group led by the Netherlands and Belgium.

The last section of this brochure contains summary information on our technical cooperation activities over the past years.

We very much look forward to welcoming new participants to our international workshop and seminar programme for 2020.



Carel van den Berg
Coordinator Technical Cooperation Centre

DNB international workshop and seminar programme 2020

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Dates

28 February 2020*

23-24 April 2020

27-28 May 2020

9-11 June 2020

5-7 October 2020

5-6 November 2020

23-25 November 2020

date in second half
of 2020

*(precise date to be
announced around
April 2020 on the
DNB website)*

** By invitation only*

Seminars

High level conference – The impact of the energy transition on our economies and financial sectors, challenges and opportunities

Insurance supervision in a changing world

Data-driven bank supervision

Technological challenges for internal audit

Payments and market infrastructures

Operational monetary policy

Using data from banks for supervision and statistics – follow-up on 2019

Energy transition stress testing (video course)

Summary

This brochure provides a detailed description of the individual seminars, including the objectives and contents as well as the preferred professional background of the intended target groups. All seminars will be held in English, so a good command of this language is required, as translation or interpreting services will not be offered.

General purpose

The programme aims to:

- Present recent developments in specific central banking areas from the perspective of De Nederlandsche Bank as part of the European System of Central Banks.
- Exchange views on specific central banking issues and learn from each other's experiences. This means that the actual content of the seminars will be partly determined by the specific contributions that the participants make. We are open to any comments on the content of our seminars. In some seminars, participants may be invited to give presentations on topical issues in their field of expertise.

Target groups

Our seminar programme is intended for staff employed by the central banks and prudential supervisors in the countries comprising IMF/World Bank constituency headed by the Netherlands and Belgium. However, we may also invite participants from other central banks or prudential supervisors, mainly from emerging countries, to attend individual seminars. This will be determined on a case-by-case basis.

General information

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How to apply

This brochure has been sent to the governing boards of selected central banks and prudential supervisors, inviting them to nominate participants for our annual international workshop and seminar programme.

If you want to nominate members of your institution for a workshop or seminar, please complete the online registration form on our seminar page:

<https://www.dnb.nl/en/about-dnb/co-operation/international-seminar-programme/index.jsp>

(Quick link on the right-hand side)

Please send us your completed form at least two months prior to the start of a seminar.

Given the limited number of places available, participation is restricted to one or two representatives per country. The maximum number of 25 participants per seminar may be changed to suit the specific purpose of each seminar. If there are more applications than there are places available, we will have to make a selection and we trust that you will understand if an application from your institution is turned down.

Correspondence

The organising department will send all subsequent correspondence directly to the participants, who will receive an invitation by email and, if requested, by regular mail.

Our events department will take care of the hotel reservations.

To ensure that the necessary formalities are dealt with in time, we will send the information four weeks prior to the start of each seminar.

Visa

If you need an invitation letter to arrange your visa in time, please let us know.

Duration of the seminars

Most seminars take three days, from 9:00 a.m. to 5:00 p.m. Please note that participants are expected to attend all sessions and must not schedule any other appointments during these sessions. We will notify the participating central banks if their representatives fail to attend.

Charges

Our seminars are free of charge. We will provide accommodation, breakfast and lunch and bear the costs of any dinners and scheduled social events. Your institution is responsible for your travel expenses to and from The Netherlands.

Medical insurance

Participants are assumed to have adequate insurance cover for medical treatment abroad.

Location

Due to renovation of De Nederlandsche Bank the seminars will not take place on its premises. The seminars will be held in Amsterdam at the hotels where the participants will be staying. These locations were not available at the time of preparing this brochure.

Dress code

The dress code for the seminars as well as the social events is smart casual.

Language

All the seminars will be given in English. Participants are actively encouraged to share their views, therefore a good command of English is required.

Accommodation

DNB provides single-room accommodation free of charge located centrally in Amsterdam for the duration of the seminar, from the evening prior to the seminar to the night after, i.e. four nights for a three-day seminar. Our invitation asks participants to state their arrival and departure times, and we will make hotel reservations accordingly. We will then send participants more detailed information about accommodation and transfer arrangements. If participants need to change their travel plans, we will try to accommodate their requests but cannot offer any guarantees.

Cancellation

If you have to cancel your attendance, please contact us at least five business days in advance, but preferably earlier, at technicalcooperation@dnb.nl and events@dnb.nl. Given the large number of applications, late cancellations deprive others of the opportunity to attend the seminar and may involve hotel cancellation costs. We will charge any no-show fees payable to the central bank involved.

Partners or other relatives

Regrettably, we are unable to provide accommodation for participants' partners or other relatives.

During the seminars as well as the provided lunches, dinners and social events it is also not permitted to bring partners or other relatives.



How to reach Amsterdam from Schiphol Airport

Taxi

Taxis are available in front of the arrivals terminal. Depending on traffic conditions, the journey will take approximately 30 minutes. The fare is approximately EUR 45.

Bus

There are shuttle bus services between Schiphol Airport and most of the larger hotels in Amsterdam. For information on departure times and where to board the shuttle busses, please refer to the KLM information desk in the arrivals hall. Depending on traffic conditions, the journey will take approximately 30 minutes. The fare is approximately EUR 19. For more information and to book online, please go to www.schipholhotelshuttle.nl.

Public transport buses that are also stationed in front of the arrivals hall will bring you to Amsterdam Central Station. The fare is approximately EUR 4.50.

Train

A regular train service connects Schiphol Airport with Amsterdam Central Station. Trains leave approximately every 15 minutes and take 20 minutes to reach the city centre. The fare is approximately EUR 5.

From Amsterdam Central Station, you can take a tram, bus or metro to your hotel. Please note that you need a 1-hour ticket, costing approximately (EUR 3.50) from the vending machine.

Contact details

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Management

Carel van den Berg
Coordinator Technical Cooperation Centre



Assistant Technical Cooperation Centre

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Travel and Conference Services

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General contact information

De Nederlandsche Bank N.V.	As from April 2020:	
PO Box 98	Spaklerweg 4	
1000 AB Amsterdam	1096 BA Amsterdam	General telephone number
The Netherlands	The Netherlands	Tel.: +31 20 524 9111



28 February 2020 (1 day)

High level conference – The impact of the energy transition on our economies and financial sectors, challenges and opportunities

Purpose of the seminar

With the signing of the 2015 Paris Agreement, the international community demonstrated their commitment to work towards a low-carbon world economy, thereby aiming to reduce the negative ramifications of climate change. The “energy transition” is a logical consequence of this commitment. This transition has challenges of its own. While restructuring the world energy supply may change the nature of geopolitical relationships, it also has the potential to profoundly affect the development of our economy and stability of our financial sector. As such, the energy transition has great relevance for central banks. During the upcoming conference, we will discuss what role central banks could play in the energy transition, what challenges and opportunities arise going forward, and how we could green the financial system. A leading initiative in this context has been the establishment of the Network for Greening the Financial System (NGFS), of which DNB is a founding member. We have invited leading figures from policy, academia and business to join our discussions. The conference will consist of three thematic sessions (with two speakers each), followed by a panel discussion at the end of the day.

Target group

Central bank governors and board members from the Dutch-Belgian IMF Constituency. The conference will be held in English. Participation is by invitation only.

Contents

Main topics to be discussed

- The impact of the energy transition on the macro-economy and financial sector
- An industry perspective on the challenges and opportunities of the energy transition
- Options for greening the financial system

Contact information

If you have any questions or need additional information, please feel free to contact the secretariat of Technical Cooperation at technicalcooperation@dnb.nl.

Registration

Invitees will be referred to a separate online registration form

By invitation only

23-24 April 2020 (2 days)

Insurance supervision in a changing world

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Purpose of the seminar

This seminar is intended to share knowledge and exchange experiences in insurance supervision in relation to new developments. Over the past decade, the financial sector has undergone a necessary transition to increase its financial resilience. Insurers implemented the new risk-weighted supervisory framework, Solvency II. This transition is, however, not finished. Quite the contrary; the new reality seems to be one of continuous change. Nowadays, insurers operate in a highly challenging environment. They face new opportunities and challenges in relation to technological innovation, their business models are under pressure and they must contend with a prolonged period of low interest rates. Furthermore, in terms of legislation, the Solvency II review and new legislation around recovery and resolution will have an impact on insurers and supervision. Last but not least, climate change and other developments in relation to sustainability will bring new opportunities and new risks.

This seminar will reveal how DNB addresses the practical implications of these developments. There will also be ample time to discuss participants' day-to-day experiences.

Target group

Management, senior staff and officers at insurance supervisory authorities (one or two participants per country).

Contents

- Business models – a quantitative approach
- Data-driven supervision using new technologies
- Insurtech: business models and operational / IT risks
- Climate risk / sustainability
- Governance: capacity to change
- Non-financial risks, including cyber risk
- Recovery and resolution
- Risk-based supervision: DNB's new supervisory approach

Contact information

If you have any questions or need additional information, please feel free to contact Björn Sluijter of DNB's Insurance Supervision Division at b.sluijter@dnb.nl.

Deadline for registration

27 February 2020

27-28 May 2020 (2 days)

Data-driven bank supervision

Purpose of the seminar

Digitalization in the financial sector is growing rapidly and (big) data is becoming essential to the business processes of banks. To understand the way banks perform their risk management, it is essential for supervisors to make good use of regulatory reported data. In fact, data can drive not only the business of the banks but also the work of banking supervisors. This seminar covers how data can lead and prioritize the activities of banking supervisors. Usage of advanced data analytics and machine learning can help a lot in this respect. In times of scarce resources, a data-driven approach helps supervisors focus their attention on the biggest risks.

DNB is one of the leading banking supervisors in terms of data-driven supervision. Not only does it have a Chief Data Office, but also since the end of 2019 a Chief Innovation Office for Supervision. This seminar will provide an in-depth view of Dutch practices, procedures and policy. Several experts will give presentations and, if relevant, visits will be arranged.

Participants are welcome to comment on the contents of the seminar and express their wishes and interests, which we may take into account in the program.

Target group

Heads of departments and senior experts in the area of supervision.

Contents

- Regulatory Reporting
- Data quality
- BCBS 239
- Combining several data sources
- Advanced data analytics
- Usage of Machine learning
- Automated risk scores

Contact information

If you have any questions or need additional information, please feel free to contact Evert Koning of DNB's Prudential Reporting, Information and Analytics Department at e.koning@dnb.nl.

Deadline for registration

1 April 2020

9-11 June 2020 (3 days)

Technological challenges for internal audit

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Purpose of the seminar

Internal audit is facing multiple and interesting challenges. Besides stakeholders' expectations, technology – maybe more than ever – has an impact on internal audit. This impact affects the audit planning and how internal audit will be challenged to add value to the organization. Also it will affect the way how auditors may use technology in their own work.

Target group

Managers of Internal Audit Departments and in-house Audit staff of all levels. Managers and staff of related professional areas (e.g. business risk management) who want to learn more about technological developments in a broader spectrum.

Contents

The seminar will address the following three topics.

■ Agile

We will approach Agile in two ways: how to audit Agile projects and how to organize Agile work methods within Internal Audit itself.

■ Data science

During this topic we will elevate straightforward Data Analysis to the level of Data Science, and its meaning and application for Internal Audit. This topic will also cover the concepts and application of Process Mining which should help Internal Audit to work smarter.

■ Technological Challenges

With the current pace of technological developments, concepts as Internet of Things (IoT) and blockchain already seems 'old fashioned'. This part of the seminar will take you by the hand in the areas of Robotics Process Automation (RPO), Artificial Intelligence (AI) and Machine Learning (ML) and its meaning for Internal Audit; as tools and as objects to be audited.

Approach

We will use an interactive approach which requires active participation, an open mind and a good command of English.

Other

For full participation in this seminar a maximum of 21 CPE credits is awarded.

Contact information

If you have any questions or need additional information, please feel free to contact Rob Cornelisse of DNB's Internal Audit Department at r.e.cornelisse@dnb.nl or +31 6 5249 6777.

Deadline for registration

14 April 2020

5-7 October 2020 (2.5 days)

Payments and market infrastructures

Purpose of the seminar

The seminar gives an overview of new developments in payments and market infrastructure systems, and the role that modern central banks play as policy maker, overseer, operator and service provider. Due to technological progress, modern user demands and new legislation the landscape is changing rapidly, and central banks need to be pro-actively engaged. There are fundamental changes in market infrastructures, new market players and innovations in the areas of retail payments, large value payments and securities settlement. The changes in the payment and securities field will have an impact on the payment behaviour of firms, retailers, consumers, governments and financial authorities.

The seminar will include plenary sessions as well as smaller scale workshop-style activities. We will also visit a financial institution. From participants we expect an active contribution to open discussions and a willingness to share own experiences.

Target group

Management and senior staff involved in payments and securities, i.e. from policy and operational departments, financial markets departments, legal departments, oversight and supervision departments.

Contents

The seminar will cover the following key topics

- General framework and large value payment Systems (LVPS)
 - The central bank's role in payments and market infrastructures
 - Developments in LVPS including TARGET2

- Collateral management and securities settlement systems
 - Developments in collateral and liquidity management
 - Experiences with TARGET2-Securities
 - Business continuity and crisis management for payments and securities settlement systems
- Retail Payments
 - Innovations in retail payments after the change-over to the Single Euro Payments Area (SEPA) e.g. instant payments, (contactless) mobile payments (including Person-2-Person), e-invoicing, Request To Pay and Global stable coins.
 - European law on retail payments
 - Research in retail payments
 - The involvement of stakeholders in retail payment systems
- Oversight of the payment system
 - BIS-IOSCO principles for financial market infrastructures and other oversight
 - Oversight in practice

Contact information

If you have any questions or need additional information, please feel free to contact DNB's Payments and Market Infrastructures Division, mail to secretariat-BOM@dnb.nl.

Deadline for registration

10 August 2020

5-6 November 2020 (2 days)

Operational monetary policy

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Purpose of the seminar

The overall purpose of the Operational Monetary Policy seminar is to familiarise participants with Eurosystem experiences in monetary policy implementation.

The seminar covers conventional and unconventional Eurosystem central bank operations. Since the credit crisis in 2007 and the sovereign debt crisis in 2009, numerous monetary instruments have been implemented. In addition, the Eurosystem started four new purchase programmes (CBPP3, ABSPP, CSPP and PSPP) and targeted long term refinancing operations. The programs were started with the aim of reviving the euro area economy, with the ultimate goal of bringing inflation back to the desired level of below, but close to 2%. The goals, implementation and effects of these new measures will be covered extensively during the course.

Other topics cover the fundamentals of conventional tools, implementation experiences with open market operations, operational procedures, risk management considerations and institutional arrangements within the Eurosystem.

Target group

Central bank staff members and officers involved in monetary policy implementation and monetary policy advisors who would like to become more familiar with implementation aspects. This seminar is especially suited for staff members that already have basic expertise in this area (i.e. at least a couple of years of working experience in this or a related field). Participation is limited to two participants per country.

Participants are expected to actively participate in discussions, drawing from their own central bank's experiences with monetary policy implementation. Some participants will be contacted to give a short presentation on their own framework. Therefore, a good command of English is required for this course.

Contents

The seminar will cover the following key topics:

- Purpose and objectives of monetary policy strategy and implementation
- Overview of the Eurosystem's monetary policy instruments
- Aspects of instruments: bidding procedures in refinancing operations, collateral issues and risk control measures
- Experiences with Eurosystem monetary policy implementation; conventional and unconventional
- The role of financial markets monitoring and market intelligence

Contact information

Organization

If you have any questions on organizational issues, please contact the secretariat of technical cooperation at technicalcooperation@dnb.nl.

Content

If you have any questions on the content, please feel free to contact Tom Hudepohl of DNB's Financial Markets Division at T.S.M.Hudepohl@dnb.nl.

Deadline for registration

10 September 2020

23-25 November 2020 (3 days)

Using data from banks for supervision and statistics – follow-up on 2019

Purpose of the seminar

The aim of this seminar is to share some of the software tools that DNB developed that use the available regulatory data to gain more insight. New SSM/ECB data initiatives like AnaCredit and EMIR CCP data will be discussed.

The seminar will focus on how the data is loaded, how data quality checks are done, how data is stored and how data is made available for the supervisors and statisticians with dashboards and freeware like R or Python.

Target group

Staff working in banking supervision or statistics with a strong data background.

Contents

- Importing checking and storing regulatory data COREP/FINREP, AnaCredit, EMIR CCP
- How to manage databases for large datasets and datascience tools like R and Python
- Show how AnaCredit can replace existing regulatory reporting tools and decrease the burden for banks
- Discuss industry solutions for banks that are offered by commercial parties

Contact information

If you have any questions or need additional information, please feel free to contact Aad Carp of DNB's On-site Supervision and Banking Expertise Division at a.a.g.carp@dnb.nl or Paul Hulst of DNB's Statistical Division at p.j.hulst@dnb.nl.

Deadline for registration

28 September 2020

Date in second half of 2020
(precise date to be announced around
April 2020 on the DNB website)

Energy transition stress testing (video course)

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Purpose of the seminar

DNB is firmly committed to international cooperation with other central banks and supervisors to strengthen the global response required to foster the development of sustainable finance.

DNB's work so far has included the identification and analysis of climate-related risks at the macrolevel. In this context, DNB has conducted an energy transition stress test for the financial sector, which provides an in-depth insight into possible losses during disruptive energy-transition paths.

The outcomes of this stress test suggest that climate-transition risks warrant close and timely attention from a financial stability perspective.

In this video course we would like to share our approach to energy transition stress testing, including how to organize the relevant data and how to apply the stress test methodology.

Target group

The course will cover intuition as well as technical details. As such, it could offer benefits for staff working on sustainable finance issues, as well as stress test experts.

Contents

- Insights into conducting a stress test for energy transition risks.
- An approach that takes existing stress testing methods (e.g. EBA) as the starting point.
- Constructing severe but plausible transition scenarios.
- Translating transition narratives to effects at the macroeconomic and sectoral level.
- Collecting and organizing data, in particular with respect to transition vulnerabilities
- Connecting the analysis to models for credit risk and market risk.
- How to communicate findings on financial stability implications

Contact information

If you have any questions or need additional information, please feel free to contact the secretariat of Technical Cooperation at technicalcooperation@dnb.nl.

Deadline for registration

Date to be announced around April 2020



Summary information of technical cooperation activities by DNB in previous years

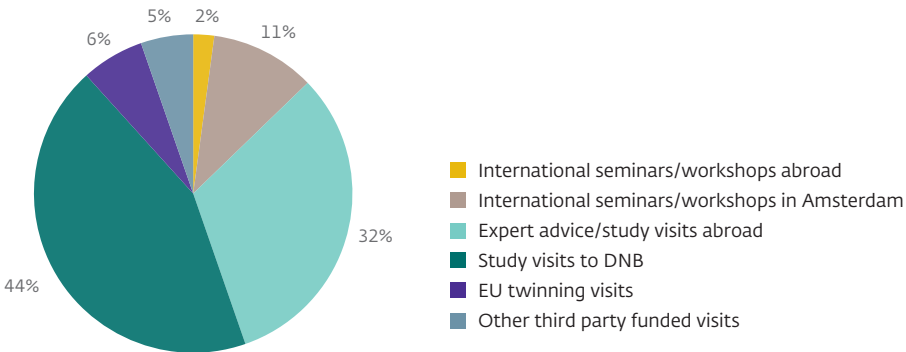
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Overview of activities (bilateral and international seminars)

Number of...		2014	2015	2016	2017	2018
		Events in Amsterdam				
Events		43	46	58	45	50
Participants*		324	317	327	274	359
Central banks		45	50	42	43	50
Events abroad						
Events		32	44	52	44	36
Participants		641	631	781	607	657
Central banks		16	18	17	11	12
Total events						
Events		75	90	110	89	86
Participants		965	948	1108	881	1016
Central banks		52	51	50	49	62

* The total number of persons from central banks (and related institutions or in some cases local financial institutions) that participated in a technical cooperation event or training.

Breakdown of DNB technical cooperation activities in 2018 (%)*

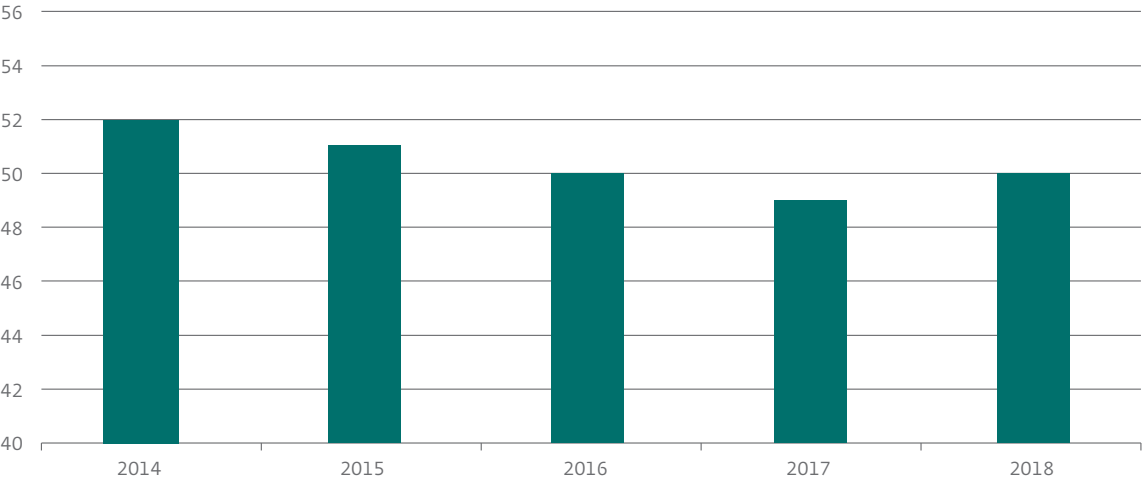


* Measured as percentage of total number of events

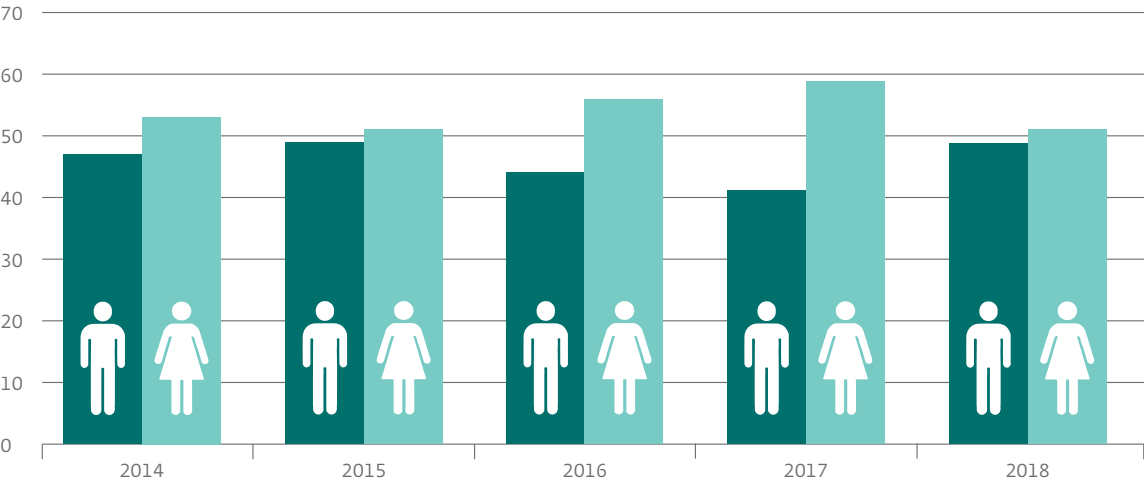
Central bank participation

Number of central banks that participated in one or more technical cooperation activities by DNB

25



Male to female ratio (DNB International seminars)



About us

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The Technical Cooperation Centre coordinates DNB's technical cooperation activities. It is responsible for the planning, logistics, financing, monitoring and evaluation of those activities, in tandem with DNB's Events Department.

The Centre was set up in 1998, after membership of the Dutch-led IMF constituency had increased substantially to thirteen countries¹, many of which were in transition from a state-led to a market-led economy. Long-term relationships have since developed. For instance, since 1999, DNB has had the opportunity to provide some form of training to over 4,000 staff of the three central banks which are receiving most of our bilateral assistance. To be more precise, 2,000 persons trained of the largest recipient central bank, 1,300 of the second-largest and 700 of the third-largest recipient. This includes persons who received training more than once. Under the technical cooperation model that DNB uses, the expertise is not provided by the Technical Cooperation Centre itself, but by experts from DNB who work in the relevant areas. To this end, all business areas earmark a certain amount of their time for technical cooperation each calendar year. They also appoint a contact person who has an overview of the available expertise and experts. Each year, around 80 professionals provide technical assistance for around 80 events or missions.

Each year in November, the Technical Cooperation Centre publishes a brochure on DNB's international workshop and seminar programme for the calendar year ahead. A preview of our programme is published on DNB's website around mid-November. The seminar programme has been in existence since 1999.

¹ Armenia, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Israel, Moldova, Montenegro, the Netherlands, the Republic of North Macedonia, Romania, Ukraine. In October 2012, Belgium (co-chair with the Netherlands) and Luxembourg joined the constituency.

Notes

This image shows a single page of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page, typical of notebook or ledger paper. There are no margins, text, or other markings on the page.

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