



The Banque centrale du Luxembourg (BCL) is a public institution created by Luxembourg law. The BCL's independance is based on its organic law, the Treaty on the European Union and the Treaty on the Functioning of the European Union. The BCL is a member of the European System of Central Banks (ESCB) composed of the National Central Banks of all 28 EU Member States and the European Central Bank (ECB).

THE MISSION

The Bank is a member of the Eurosystem that consists of the European Central Bank and the National Central Banks of the Member States that have adopted the euro. It takes part in the Single Supervisory Mechanism (SSM). It is in charge of managing the monetary and financial responsibilities granted to it as one of the National Central Banks of the ESCB.

At the national level, the central bank has to carry out the tasks conferred on it by the national laws and conventions.

It is developing the following fields of competence:

- Research and studies and their communication thereof, which aim to prepare, on the one hand, monetary policy decisions and, on the other hand, the development of wider knowledge concerning monetary, financial and economic issues;
- Collection and analysis of statistics in the monetary, financial and balance of payments fields;
- Implementation of monetary policy;
- Organisation and supervision of payment and securities settlement systems;
- Issuance and circulation of banknotes and coins;
- Financial asset management, both on own account and for third parties;
- Participation in the prudential supervision of the financial system and the exercise of the oversight of payment and securities settlement systems, in order to ensure the stability of the financial system in Luxembourg;
- Advisory services to legislative and regulatory authorities in financial and monetary areas.

THE VISION

The BCL intends to become a centre of competence, excellence even, whose performance will generate public confidence in the Central Bank.

Among Luxembourg institutions, the BCL ensures that it is capable of fulfilling all its national, European and international obligations.

In view of the wide variety of its duties and activities, both in the public sector and in a competitive environment, the BCL must generate an income guaranteeing its institutional, functional and financial independence.

CORPORATE VALUES

Consequently, the values associated with its action are:

- Professionalism, guaranteed by highly specialised employees, high-performance tools and a high-level infrastructure;
- Quality in all its services;
- Stability provided by its long term vision of all its activities;
- Objectivity resulting from the establishment of precise rules that are equally applied;
- Integrity, guaranteed by the transparency of its internal operations and with respect to professional ethics;
- A good governance, within and through the governing bodies concerned with the use of the highest standards in governance.

TABLE OF CONTENTS

THE GOVERNOR'S MESSAGE			
1	THE BCL'S ACTIVITIES	6	
1.1	Monetary Policy Operations	6	
1.1.1	Conventional Operations	6	
	1.1.1.1 Open market operations in 2016	6	
	1.1.1.1.1 Main refinancing operations	6	
	1.1.1.1.2 Longer-Term Refinancing Operations (LTRO)	7	
	1.1.1.1.3 Fine-Tuning Operations	8	
	1.1.1.2 Standing Facilities in 2016	8	
1.1.0	1.1.1.3 Minimum Reserves in 2016	9	
1.1.2	Non-Conventional Operations	10	
	1.1.2.1 Temporary Currency Auctions Facilities	10 10	
	1.1.2.2 Extension of Operations' Maturities1.1.2.3 The Asset Purchase Programmes	12	
	1.1.2.4 The Securities Market Programme	13	
	1.1.2.5 Outright Monetary Transactions	13	
1.1.3	Management of collateralisation of Eurosystem credit operations	14	
	1.1.3.1 List of eligible assets	14	
1.2	Foreign Exchange Reserve Management by the BCL	15	
1.3	Management of the BCL's Assets	15	
1.3.1	Conceptual Framework	15	
1.3.2	Institutional Structure	16	
1.3.3	Risk Control	16	
1.3.4	Portfolio Structure	17	
1.4	Banknotes and coins	18	
1.4.1	Production of banknotes and coins	18	
1.4.2	Circulation of banknotes and coins	19	
	1.4.2.1 Euro banknotes and coins	19	
	1.4.2.1.1 Banknotes	19	
	1.4.2.1.2 Coins	20	
1 / 0	1.4.2.2 Luxembourg franc banknotes	21	
1.4.3	Sorting of euro banknotes and coins	22 22	
1.4.4 1.4.5	National and international cooperation Issuance of the new Europa banknote series	23	
1.4.6	Numismatic issues	23	
1.5	Statistics	23	
1.5.1	New statistical data collections	24	
1.5.2	Other statistical developments	24	
1.6	Payments and Security Settlement Systems	25	
1.6.1	TARGET2-LU	25	
1.6.2	Retail payments in Luxembourg	29	
1.6.3	Securities settlement systems TARGET2-Securities	31	
1.6.4 1.6.5	LuxCSD	34 35	
1.7	Financial Stability and Prudential Supervision	36	
1.7.1	Macro-prudential supervision	36	
	1.7.1.1 Macro-prudential supervision in Luxembourg	36	
	1.7.1.2 The European Systemic Risk Board	39	
	1.7.1.3 The Secretariat of the Systemic Risk Committee	41	

1.7.2	Micro-prudential supervision			
	1.7.2.1	Liquidity surveillance	42	
		1.7.2.1.1 Liquidity risk supervision of credit institutions established in Luxembourg in		
		the context of the Single Supervisory Mechanism	43	
		1.7.2.1.2 Tools for the liquidity surveillance	44	
		1.7.2.1.3 National and International Cooperation	45	
	1.7.2.2	Oversight	45	
		1.7.2.2.1 Oversight of payment systems	45	
		1.7.2.2.2 Oversight of securities settlement systems	46	
		1.7.2.2.3 Oversight of payment instruments	47	
1.8	Regulatory and Legislative Developments			
1.8.1		an legislation	48	
	1.8.1.1	Banking Union	48	
		1.8.1.1.1 Prudential supervision	48	
		1.8.1.1.2 The resolution of banks	50	
	4 0 4 0	1.8.1.1.3 Deposit Protection	51	
		Capital Markets Union	52	
		Economic Governance	53	
1 0 0		ECB Legal Acts	54	
1.8.2		al legislation	55	
	1.8.2.1	Enacted law	55	
		1.8.2.1.1 Law of 15 March 2016 regarding OTC derivatives, central counterparties	55	
	1022	and trade repositories BCL Regulations	56	
		Interest rates	56	
		Draft laws	57	
1.9		inication	57	
1.9.1	Publica		57	
1.9.2		g at the BCL	57	
		Academic cooperation	57	
		Technical cooperation	57	
		Cooperation with high schools	58 59	
		Cooperation with primary schools Presentations for groups of external visitors	60	
1.9.3		L's website	60	
1.7.3	The libr		61	
1.7.4		relations	61	
1.9.6		ation campaign on the new €20 banknote of the "Europa" series	61	
1.9.7		ences and events	62	
1.9.8		ch activities	63	
1.10	Euronea	an Activities	64	
1.10.1		es at the level of the ECB	64	
1.10.2		onomic and Financial Committee	65	
1.10.3	The Eur	ropean Statistical Forum, the Committee on Monetary, Financial and Balance of		
		nts Statistics and the European committee of central balance sheets offices	65	
1.11	Nationa	ıl and External Activities	66	
1.11.1	Nationa	al activities	66	
	1.11.1.1	Relations with the Parliament	66	
	1.11.1.2	BCL Committees	66	
	1.11.1.3	External committees	67	
1.11.2	Externa	al activities	68	
1.12	The Eur	rosystem Procurement Coordination Office (EPCO)	71	

2	THE BCL AS AN ORGANISATION	74
2.1	Corporate Governance	74
2.1.1	The Council	74
2.1.2	The Governor	75
2.1.3	The Executive Board	75
2.1.4	Organisation Chart as of 31 December 2016	76
2.1.5	Internal control and risk management	76
2.1.6	External control	77
2.1.7	Codes of Conduct	78
2.2	Human Resources at the BCL	78
2.2.1	Workforce evolution	78
2.2.2	Strategic approach to Human Resources Management	79
2.2.3	BCL pension fund	79
2.3	Internal Finance and Strategy	80
2.3.1	Accounting and reporting	80
2.3.2	Budget	80
2.3.3	Strategic planning and management control	81
2.4	Financial Statements	82
2.4.1	Key figures as of year-end (in euro)	82
2.4.2	Report of the <i>Réviseur d'Entreprises agréé</i>	83
2.4.3	Balance sheet as at 31 December 2016	84
2.4.4	Off-balance sheet as at 31 December 2016	85
2.4.5	Profit and loss account for the year ending 31 December 2016	86
2.4.6	Notes to the financial statements as at 31 December 2016	86
3	ANNEXES	110
3.1	BCL Regulations Published in 2016	112
3.2	List of BCL Circulars Published in 2016	112
	The Charles of the Control of the Co	110
3.3	List of BCL Publications Published in 2016	112
3.3.1	BCL bulletins	112
3.3.2 3.3.3	BCL annual report	113 113
3.3.4	BCL working papers BCL brochures	113
3.3.5	Information material about the security features of Euro banknotes and coins	113
3.3.6	Publications and external presentations of BCL staff	113
0.0.0	3.3.6.1 External publications of the BCL's staff members	113
	3.3.6.2 External presentations	114
3.4	European Central Bank Publications	114
	·	115
		117
		118
3.5 3.6 3.7	Monetary, Economic and Financial Statistics Published on the Website of the BCL List of Abbreviations Glossary	





The year 2016 has seen a continued economic recovery in the euro area, which has gained gradual momentum during the second half of the year. The monetary policy measures taken by the Governing Council of the European Central Bank, which aimed to prevent deflationary risks from materialising, have been effective.

In March 2016, the Governing Council took several measures to ease financing conditions and stimulate the provision of credit to the real economy. The objective of these measures was to support the economic recovery and, hence, accelerate the return of inflation toward an annual rate of below, but close to, 2 percent over the medium term for the euro area as a whole.

First, the Governing Council decided to lower the interest rate on the main refinancing operations from 0.05% to 0%, a historic low. It also lowered the interest rate on the deposit facility by 10 basis points, to -0.4%, and the interest rate on the marginal lending facility by five basis points, to 0.25%.

In addition to the key interest rates, the Governing Council decided to make two changes to the asset purchase programme, which was announced in January 2015 and implemented from March 2015 onwards. First, it decided to

increase the monthly asset purchases under the programme from 60 billion euro to 80 billion euro until March 2017, or beyond if necessary. Second, it decided to broaden the programme by including investment grade securities issued by non-financial corporations established in the euro area. The purchases under the programme's new component, the corporate sector purchase programme, started in June 2016.

Finally, the Governing Council decided to launch a new series of four targeted longer-term refinancing operations. These operations, with a maturity of four years and including different modalities from the ones applied to the first series launched in June 2014, aim to incentivise credit institutions to funnel more credit to the real economy.

During its 8 December 2016 meeting, the Governing Council decided to continue the purchases under the asset purchase programme at a pace of 80 billion euro a month until March 2017 and to reduce the pace to 60 billion euro a month from April 2017 to December 2017, unless specific circumstances would lead it to make new adjustments to the programme. This decision was motivated by, on the one hand, a strengthening of the economic recovery and, on the other hand, inflationary pressures that remained subdued.

In order to underscore the accommodative stance of monetary policy and to support the anchoring of inflation expectations over the medium term, the Governing Council also maintained its forward guidance. Thus, it indicated that the key interest rates of the Eurosystem would stay at their current or lower levels over a prolonged period of time, well beyond the horizon set for the asset purchases.

The Single Supervisory Mechanism, established in November 2014, constitutes together with the Single Resolution Mechanism and the European Deposit Insurance Scheme the Banking Union. The Single Supervisory Mechanism has continued to function well in 2016 and has, inter alia, contributed to a greater stability of the banking sector and a greater harmonisation in the application of prudential rules within the euro area. The Mechanism has delved into challenges such as the weak profitability of credit institutions, the burden of non-performing loans in bank portfolios, and options and national discretions that remain barriers to a common banking regulation.

The Single Resolution Mechanism has completed its second year of operation. The Single Resolution Fund, the financial arm of the Resolution Mechanism funded by contributions by the banking sector, has become operational. An intergovernmental agreement pertaining to the transfer of the contributions to the Fund has become effective on 1 January 2016. The gradual transfer of the national resolution funds to this single fund will take place over a period of eight years. The targeted amount corresponds to at least 1 percent of the covered deposits of all banks in the euro area by 31 December 2023. Bilateral credit lines guaranteeing national compartments have been established in all participating Member States. It remains essential to set up a common backstop to further strengthen the Single Resolution Fund.

As for the proposal to establish a European Deposit Insurance Scheme, little progress has been made. This proposal, made by the European Commission in November 2015, is still under discussion; it is important to reach an early agreement on its implementation.

On 4 May 2016, the ECB announced that the Governing Council had decided to stop permanently the production of the $\[Ellin]$ 500 banknote and to stop its issuance by the end of 2018, thus responding to concerns that the denomination could facilitate illicit activities. The Governing Council clarified that the $\[Ellin]$ 500 note continued to be legal tender and that it would retain its value. Once its issue will have ceased, the $\[Ellin]$ 500 note will also continue to be exchangeable with the national central banks of the Eurosystem.

On 5 July 2016, the ECB presented the new €50 banknote and announced that it would be put into circulation on 4 April 2017. Following the decision of the Governing Council on the €500 denomination, only €100 and €200 banknotes remain to be issued under the new "Europe" series.

At the national level, the BCL has continued to play a pivotal role in the Systemic Risk Committee, established by the Law of 1 April 2015. The Committee decided to set up two working groups to better comprehend and quantify the risks associated with the shadow banking intermediation activities. The first group, called "Parallel Banking - Other Financial Institutions" and chaired by the BCL, aims to improve the collection of data on these players in order to specify their contours and risks. The second group, called "Parallel Banking - Interconnections between the investment fund sector and the financial sector" and chaired by the *Commission de surveillance du secteur financier* (CSSF), analyses the risks of contagion between investment funds and credit institutions. The BCL is also providing its expertise to this second working group.

In the year 2016, the BCL was also heavily involved in the International Monetary Fund's (IMF) Financial Sector Assessment Program, a large-scale exercise that takes place in principle every five years. One of the findings of the IMF has been that the lead role of the BCL in the Systemic Risk Committee should be strengthened further.

The BCL has continued to develop its educational activities. It participated in the second edition of "The Week of Money" (D'Woch vun de Suen) in March 2016, organised again the Generation €uro competition and enhanced its cooperation with economics teachers. The BCL will continue its efforts to contribute to financial education in Luxembourg in areas that are an integral part of its missions. The BCL has also developed its communication activities towards the public at large. It released a film in four languages on its European and domestic missions and continued to welcome groups of visitors. It also participated in the Open Door event for public institutions, held in September 2016. This event, in which the BCL opened two of its buildings to the public, was a genuine success with more than 600 visits.

In terms of internal governance, the composition of the Executive Board and the Council of the BCL has changed. After having assumed the role of Director since 1 January 1999, Mr Serge Kolb decided not to seek another term. Consequently, his mandate expired on 31 December 2016. On behalf of the Bank's Executive Board and staff, I would like to congratulate him for his remarkable career and thank him for the good and loyal services he has rendered to the institution.

As per a Grand-Ducal Decree of 12 December 2016, Mr Roland Weyland, formerly Senior Advisor in the BCL, was appointed Director of the BCL for a period of 6 years from 1 January 2017.

On behalf of the decision-making bodies and the staff of the BCL, I would also like to pay a final tribute to Mr Luc Coene, formerly Governor of the National Bank of Belgium and former member of the ECB Supervisory Board, who passed away in early 2017. We regret the loss of his friendship and expertise.

As usual, I would like to conclude by thanking, together with the other members of the Executive Board, the staff for their commitment and the quality of their work. The BCL continues to be a fast-growing institution driven by the evolution of its often highly complex missions. This growth inevitably poses organisational challenges and leads to increased needs in terms of human and financial resources.



Gaston Reinesch