



European Securities and
Markets Authority

ESMA Risk Assessment Work Programme 2017



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1 Summary

This Risk Assessment Work Programme provides an overview of the analytical, research, data and statistical activities by ESMA scheduled to be undertaken in 2017.

ESMA's 2017 risk assessment agenda is focused on further developing ESMA's proprietary data sources and their analytical exploitation.

- As market data collected under the AIFMD, MiFID and EMIR mandates and others are becoming available, ESMA is – in close cooperation with the National Competent Authorities – completing the necessary technical infrastructure for their processing, programming routines for their management, and making them available for the relevant analytical evaluation.
- Analytically, ESMA is planning to enhance its risk monitoring capacities, generating market descriptive statistics as well as sophisticated risk indicators and metrics on the basis of new proprietary data. Complementing the existing risk analytical framework which currently draws primarily on commercially available market data, risk analysis based on ESMA regulatory data will mark an important progress towards a better and more comprehensive understanding of EU securities market risks. In addition, ESMA continues to pursue in-depth research around key topics, including market and fund liquidity, fund leverage, and the impact of innovation especially in the areas of market infrastructures and investment advice.
- ESMA is set to continue its impact assessment activities, complementing the regulatory work programme, and will – in close cooperation with the National Competent Authorities – further enhance its stress testing work, aiming at successively more sophisticated Union-wide tests on Central Counterparties, and developing ESMA's approach to investment fund stress testing going forward.

The 2017 Risk Assessment Work Programme complements ESMA's activity reporting documents, most importantly the Single Programming Document, the Regulatory Work Programme, the Supervisory Work Programme and the Supervisory Convergence Work Programme. The risk assessment projects identified in the present document reflect the horizontal nature of the data and analytical work at ESMA, contributing to the overarching objectives and activities of the Authority. Additional analytical and data projects specifically related to individual regulatory, supervisory or convergence dossiers are highlighted in the respective work programmes.

2 Introduction

2.1 Objectives of ESMA Risk Assessment

In undertaking risk assessments, ESMA works on the basis of its mandate in the ESMA founding regulation¹. In particular, ESMA monitors and assesses market developments and new financial activities in its remit.

ESMA risk assessments are carried out with a view to supporting the Authority's objectives of promoting investor protection, orderly markets, and financial stability.

2.2 Coverage

This Risk Assessment Work Programme provides an overview of the main analytical projects and the underlying data and statistical operations to be undertaken by ESMA in 2017. The list is not exhaustive, the prioritisation of the projects may change, and new projects may be added to the portfolio.

ESMA risk assessment activities cover the monitoring and analysis of risks as well as developing the required data and statistical infrastructure.

2.2.1 Risk monitoring and analysis

Analytical activities are carried out as a horizontal function in ESMA, with data and analyses being contributed to a wide range of projects in support of ESMA's activities in the areas of regulation, supervision, supervisory convergence as well as ESMA risk assessment mandate.

In addition to the workstreams summarised in the Risk Assessment Work Programme, these activities form an essential part of a variety of operational projects which are presented in detail in the ESMA Work Programmes on supervision, the single rule book, and supervisory convergence, as well as ESMA's Single Programming Document.

ESMA risk assessment work is undertaken by ESMA staff in close cooperation with National Competent Authorities as well as expert consultative working groups. Depending on the mandates of individual workstreams, analytical outcomes are presented to or developed in close collaboration with ESMA's Committee on Economic and Market Analysis, the Financial Innovation Standing Committee and their consultative working groups. The analytical outcomes may also be presented to other policy standing committees. Ultimately the contribution and results of ESMA's risk assessment work feed into the consideration of the ESMA Board of Supervisors and much of ESMA's outputs, whether in the form of publications or other actions.

2.2.2 Data and statistics

Enhancing its data and statistical capabilities is a key strategic objective of ESMA. In 2017, existing mandates to collect proprietary data are being implemented – such as derivatives data on the basis of EMIR, market data on the basis of MiFID II-MiFIR, alternative fund data on the basis of AIFMD and others. In addition, future data mandates are being prepared – such as those specified in the Money Market Fund Regulation and the Securities Financing Transactions Regulation. As market data collected under the AIFMD, MiFID and EMIR

¹ Regulation (EU) No. 1095/2010 of the European Parliament and of the Council of 24 November 2010 establishing a European Supervisory Authority (European Securities and Markets Authority), amending Decision No 716/2009/EC and repealing Commission Decision 2009/77/EC. Market monitoring and risk assessment cf. Arts. 8f, 8g, 23.1, 32, 32.3. Financial innovation cf. Arts. 9.2, 9.4. Product intervention cf. Art. 9.5.

mandates and others are becoming available, ESMA is – in close cooperation with the National Competent Authorities – completing the necessary technical infrastructure for their processing, programming routines for their management, and making them available for the relevant analytical evaluation.

3 Risk monitoring and analysis

3.1 Risk monitoring

ESMA risk monitoring activities are centred around periodic reports to the EU Institutions, which are publicly available on the ESMA webpage.

3.1.1 Reporting on Trends, Risks and Vulnerabilities

Semi-annual ESMA Trends, Risks and Vulnerabilities Report (TRV)

Activities

- Informing stakeholders, markets, and the wider public of risks in the markets under ESMA’s remit, including ESMA’s ongoing risk assessment, risk alerts and risk warnings.
- Monitoring and assessment of market developments.
- Identification and measuring of systemic risks.
- At least yearly assessments to the European Parliament, the Council, the Commission and the ESRB of trends, potential risks and vulnerabilities in its area of competence.

Deliverables

- Two semi-annual TRV reports for spring and autumn European Financial Council meetings.
- TRV publication.

ESMA objectives

- | | |
|---------------------|-------------------------------------|
| Financial stability | <input checked="" type="checkbox"/> |
| Orderly market | <input checked="" type="checkbox"/> |
| Investor protection | <input checked="" type="checkbox"/> |

ESMA activities

- | | |
|-----------------|-------------------------------------|
| Supervision | <input type="checkbox"/> |
| Single rulebook | <input type="checkbox"/> |
| Convergence | <input type="checkbox"/> |
| Risk assessment | <input checked="" type="checkbox"/> |
-

Quarterly ESMA Risk Dashboard (RD)

Activities	<ul style="list-style-type: none"> Informing stakeholders, markets, and the wider public of risks in the markets under ESMA's remit, including ESMA's ongoing risk assessment, risk alerts and risk warnings. Monitoring and assessment of market developments. Identification and measuring of systemic risks. At least yearly assessments to the European Parliament, the Council, the Commission and the ESRB of trends, potential risks and vulnerabilities in its area of competence.
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Deliverables	<ul style="list-style-type: none"> Four quarterly RD report publications. 																				
ESMA objectives	<table border="0"> <tr> <td>Financial stability</td> <td><input checked="" type="checkbox"/></td> <td style="vertical-align: top;">ESMA activities</td> <td>Supervision</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Orderly market</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Single rulebook</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Investor protection</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Convergence</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Risk assessment</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>				Risk assessment	<input checked="" type="checkbox"/>
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Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>																	
Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>																	
			Risk assessment	<input checked="" type="checkbox"/>																	

3.1.2 ESA Joint Committee risk reporting

Semi-annual Risk Report by the Joint Committee of the European Supervisory Agencies

Activities	<ul style="list-style-type: none"> Monitoring and assessment of market developments. Identification and measuring of systemic risks. At least yearly assessments to the European Parliament, the Council, the Commission and the ESRB of trends, potential risks and vulnerabilities in its area of competence.
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Deliverables	<ul style="list-style-type: none"> Contribution to two semi-annual Risk Reports. 																				
ESMA objectives	<table border="0"> <tr> <td>Financial stability</td> <td><input checked="" type="checkbox"/></td> <td style="vertical-align: top;">ESMA activities</td> <td>Supervision</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Orderly market</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Single rulebook</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Investor protection</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Convergence</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Risk assessment</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>				Risk assessment	<input checked="" type="checkbox"/>
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Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>																	
			Risk assessment	<input checked="" type="checkbox"/>																	

3.2 Risk analysis

ESMA analytical activities are grouped in thematic areas of research, and conducted by project teams led by ESMA's Risk Analysis and Economics Department, drawing on the in-house regulatory, supervisory, and convergence expertise, as well as close cooperation with national

authorities, political and market stakeholders as well as academia². In particular, ESMA is aiming to enhance its external research cooperation in 2017, to promote the public availability, exploitation and analysis of ESMA proprietary databases, and to encourage a better understanding of the markets under ESMA’s remit and their risks beyond the analytical work undertaken directly by ESMA.

3.2.1 Securities markets, infrastructures, and investors

Liquidity situation in EU securities markets

Activities	<ul style="list-style-type: none"> • ESMA research on corporate and sovereign bond market liquidity. • CEMA-led research project on corporate bond market liquidity. 				
Deliverables	<ul style="list-style-type: none"> • Ongoing analytical activity. • Analytical input into ESMA regulatory activities and risk monitoring. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Securities financing transactions and repo markets

Activities	<ul style="list-style-type: none"> • ESMA research on securities financing market activities and repo markets, and the application of margins and haircuts. 				
Deliverables	<ul style="list-style-type: none"> • Ongoing analytical input into ESMA regulatory work and risk monitoring. • Contribution to 2017 ESRB thematic work on shadow banking. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

² Further analytical work is undertaken by ESMA in the context of regulatory, supervisory or convergence projects which is specified in the respective work programmes.

Derivatives trading, market structures, and risks

Activities

- ESMA analysis of EMIR data towards the construction of risk metrics and indicators for derivatives market monitoring.

- CEMA-led research project on Interest Rate Derivatives.

Deliverables

- Ongoing analytical input into ESMA convergence and risk monitoring.

ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

High frequency and algorithmic trading

Activities

- ESMA research on high frequency and algorithmic trading.

Deliverables

- Ongoing analytical input into ESMA regulatory work and risk monitoring.

ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Circuit breakers and trading halts

Activities

- ESMA research on application and impact of circuit breakers and trading halts on trading venues in the EU.

Deliverables

- 2017 analytical focus on liquidity effects of trading halts.
- Ongoing enhancement of risk monitoring tools.

ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Investment fund leverage and liquidity

Activities	<ul style="list-style-type: none"> ESMA research on liquidity as well as financial and synthetic leverage in UCITS and AIFMD funds. 				
Deliverables	<ul style="list-style-type: none"> Ongoing analytical input into ESMA supervisory convergence, risk monitoring and, potentially, rule-making. Contribution to 2017 ESRB thematic work on shadow banking. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Alternative investment fund risk indicators

Activities	<ul style="list-style-type: none"> ESMA analysis of AIFMD data towards the construction of risk metrics and indicators in the alternative funds industry. CEMA-led research project on AIFMD data. 				
Deliverables	<ul style="list-style-type: none"> Ongoing analytical input into ESMA convergence and risk monitoring. 				
ESMA objectives	Financial stability	<input type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Costs and performance of investment products

Activities	<ul style="list-style-type: none"> ESMA analysis of fees on investment products and their absolute and relative performance. 				
Deliverables	<ul style="list-style-type: none"> Ongoing analytical input into ESMA convergence, risk monitoring and, potentially, rule-making. ESMA contribution to the EU Commission's Capital Markets Union Action Plan. Ongoing ESMA surveillance of closet indexing in the EU. 				
ESMA objectives	Financial stability	<input type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Impact assessments

Activities	<ul style="list-style-type: none"> • Provision of ESMA impact assessments on Regulatory Technical Standards to be drafted in 2017. • Further develop best practices and common standards for ESMA impact assessments. • Fulfil cost-benefit analysis requirements set out in ESMA regulation. 				
Deliverables	<ul style="list-style-type: none"> • Cost-benefit analyses for ESMA technical standards and guidelines in 2017, including the Benchmarks Regulation, the Securities Financing Transactions Regulation, MiFID II guidelines. • For details see ESMA 2017 Regulatory Work Programme. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>
				Risk assessment	<input type="checkbox"/>

Stress testing

Activities	<ul style="list-style-type: none"> • Coordination of and contribution to ESMA stress testing activities, and coordination with National Competent Authorities. • Further enhancement of stress testing concepts, methods, and scenarios. • Coordination of cooperation with the ESRB. 				
Deliverables	<ul style="list-style-type: none"> • ESMA 2017 Union-wide CCP stress test. • Conceptual development of ESMA approach to stress testing in the asset management industry. • For details see ESMA 2017 Supervisory Convergence Work Programme. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input type="checkbox"/>

3.2.2 Financial innovation

Retail investor trend monitoring

Activities	<ul style="list-style-type: none"> Identify changes in investor behaviour, and potential risks in the area of investor protection. Identify issues that create investor harm. 																				
Deliverables	<ul style="list-style-type: none"> Ongoing monitoring of retail investors trends. Share results with ESMA stakeholders. 																				
ESMA objectives	<table border="0"> <tr> <td>Financial stability</td> <td><input type="checkbox"/></td> <td>ESMA activities</td> <td>Supervision</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Orderly market</td> <td><input type="checkbox"/></td> <td></td> <td>Single rulebook</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Investor protection</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Convergence</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Risk assessment</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Financial stability	<input type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>	Orderly market	<input type="checkbox"/>		Single rulebook	<input type="checkbox"/>	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>				Risk assessment	<input checked="" type="checkbox"/>
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Orderly market	<input type="checkbox"/>		Single rulebook	<input type="checkbox"/>																	
Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>																	
			Risk assessment	<input checked="" type="checkbox"/>																	

Risk monitoring and analysis for Product Intervention

Activities	<ul style="list-style-type: none"> Ongoing risk identification and monitoring on the basis of ESMA qualitative and quantitative risk metrics, market intelligence, and the ESMA Financial Innovation Scoreboard. Informing stakeholders, markets, and the wider public of risks in the markets under ESMA's remit, including ESMA's ongoing risk assessment, risk alerts and risk warnings. Put in place a framework for the ESMA and the National Competent Authorities to prepare for product intervention powers, incl. training ESMA staff on use of powers, providing support to National Competent Authorities for implementation of powers. Ongoing preparation for National Competent Authorities relating to the implementation of powers under MiFIR Articles 39-43. 																				
Deliverables	<ul style="list-style-type: none"> Implement Product Intervention Framework in order to be operational from January 2018. Work with NCAs, through Product Intervention Task Force and FISC, on the scope and potential implications of the powers as they relate to risks to investor protection, market integrity and financial stability. 																				
ESMA objectives	<table border="0"> <tr> <td>Financial stability</td> <td><input checked="" type="checkbox"/></td> <td>ESMA activities</td> <td>Supervision</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Orderly market</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Single rulebook</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Investor protection</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Convergence</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Risk assessment</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>				Risk assessment	<input checked="" type="checkbox"/>
Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>																	
Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>																	
Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>																	
			Risk assessment	<input checked="" type="checkbox"/>																	

Distributed Ledger Technology monitoring

Activities	<ul style="list-style-type: none"> ESMA's analysis of potential benefits of distributed ledger technology. ESMA's analysis of risks it may pose from a regulatory and supervisory perspective. 				
Deliverables	<ul style="list-style-type: none"> Ongoing analytical input into ESMA supervisory convergence and financial innovation monitoring as well as potential supervisory and regulatory activities at a later stage, 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

Crowdfunding supervisory convergence

Activities	<ul style="list-style-type: none"> Provide a forum for National Competent Authorities for informal discussion of challenges faced in the authorisation and supervision of investment-based crowdfunding. 				
Deliverables	<ul style="list-style-type: none"> Ongoing analytical input into ESMA supervisory convergence and financial innovation monitoring 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
				Risk assessment	<input type="checkbox"/>

4 Data and statistics

4.1 Data management

Development of statistical basis for EMIR trade repository data

Activities

- Develop the procedures for data management and statistical analysis of TR data to initially support MiFID II interim transparency calculations and establish, at a later stage, a recurrent production of statistical analysis on Trade Activity data and Trade State data.

Deliverables

- Conduct MiFID II interim transparency calculation, incl. provision of the aggregates needed for MiFID II interim transparency calculations, on behalf of the National Competent Authorities.
- Develop the procedures to analyse recurrently both trade activity and trade state data.
- Establish ESMA-wide common definitions of categories and reference data.
- Develop routines to implement data cleaning activities and outlier definition, pairing and reconciliation and to incorporate reference and ancillary data.
- Define and implement statistical analyses to support ESMA's activities.

ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input checked="" type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>
			Risk assessment	<input checked="" type="checkbox"/>	

AIFMD data quality enhancement

Activities	<ul style="list-style-type: none"> Support NCAs in their obligation to populate the AIFMD register and the AIFMD systems in order to improve the completeness of the database, provide best practices examples and determine other consistency problems.
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Deliverables	<ul style="list-style-type: none"> Improve the completeness of the current AIFMD register and system by supporting NCAs. Improve the consistency of the underlying information. Provide further guidance to NCAs populating the register and the system. Monitor continuously the information available at the register Inform ESMA's governance bodies about the state of the databases. Detect inconsistencies and quality flaws in the underlying information and report back to NCAs.
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ESMA objectives	Financial stability <input checked="" type="checkbox"/>	ESMA activities	Supervision <input type="checkbox"/>
	Orderly market <input type="checkbox"/>		Single rulebook <input checked="" type="checkbox"/>
	Investor protection <input checked="" type="checkbox"/>		Convergence <input checked="" type="checkbox"/>
			Risk assessment <input checked="" type="checkbox"/>

CRA data quality enhancement

Activities	<ul style="list-style-type: none"> Implement data quality analyses on CRA data (RADAR). Develop recurrent reporting to support Supervisory and Risk analysis activities.
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Deliverables	<ul style="list-style-type: none"> Publish CRA data through CEREP. Develop and implement reports on CRA activity from Supervision and Risk analysis.
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ESMA objectives	Financial stability <input type="checkbox"/>	ESMA activities	Supervision <input checked="" type="checkbox"/>
	Orderly market <input checked="" type="checkbox"/>		Single rulebook <input type="checkbox"/>
	Investor protection <input type="checkbox"/>		Convergence <input type="checkbox"/>
			Risk assessment <input checked="" type="checkbox"/>

ESMA data continuity and accessibility

Activities	<ul style="list-style-type: none"> Identify internal and external databases and statistical information critical for ESMA's operation, their availability and quality. Define efficient and robust procedures that ensure that ESMA can make use of its internal data in a timely manner. In case that ESMA needs to share information with external parties, define the legal framework, responsibilities and restrictions. 				
Deliverables	<ul style="list-style-type: none"> Inventory and mapping of ESMA data to ensure operational continuity (redundancies in the access to the data, documentation on the process, contingency procedures). Pre-defined data outcomes including description on methodologies, assumptions and quality limitation that need to be taken into account by decision makers. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input checked="" type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

4.2 Statistics

Statistical exploitation of ESMA proprietary data

Activities	<ul style="list-style-type: none"> Provision of market descriptive statistics, risk indicators and metrics for ongoing risk monitoring, and primary statistical analyses for analytical projects. Data matching and data computation routines to achieve high level of data quality and automation of statistical processing. Statistical tools and algorithms for supervisory work at ESMA and at National Competent Authorities. 				
Deliverables	<ul style="list-style-type: none"> Publish transparency requirements for securities or sub-classes (as defined in MiFID II RTSs) that will be applicable in 2018. AIFMD statistical reporting. CRA statistical reporting. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input checked="" type="checkbox"/>
	Orderly market	<input checked="" type="checkbox"/>		Single rulebook	<input checked="" type="checkbox"/>
	Investor protection	<input checked="" type="checkbox"/>		Convergence	<input checked="" type="checkbox"/>

5 External cooperation

5.1 ESRB

ESRB coordination and analytical contribution

Activities	<ul style="list-style-type: none"> Contribute to the prevention or mitigation of systemic risks to financial stability in the Union that arise from developments within the financial system. Fulfil cooperation requirement set out in ESMA regulation. 				
Deliverables	<ul style="list-style-type: none"> Participation in and contribution to ESRB General Board, Advisory Technical Committee, and associated groups. Contribution to output of and participation in ESRB groups, including Instruments Working Group, Expert Group Investment Funds, CCP Expert Group, Expert Group Shadow Banking. Co-chairing of Expert Group Shadow Banking. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

5.2 FSB

FSB expert group participation

Activities	<ul style="list-style-type: none"> Contribution to FSB work in order to support the prevention or mitigation of systemic risks to financial stability that arise from developments within the financial system; and bring securities market regulator perspective into FSB work. 				
Deliverables	<ul style="list-style-type: none"> Participation in and contribution to output of FSB working groups on data and shadow banking. 				
ESMA objectives	Financial stability	<input checked="" type="checkbox"/>	ESMA activities	Supervision	<input type="checkbox"/>
	Orderly market	<input type="checkbox"/>		Single rulebook	<input type="checkbox"/>
	Investor protection	<input type="checkbox"/>		Convergence	<input type="checkbox"/>
				Risk assessment	<input checked="" type="checkbox"/>

5.3 IOSCO

IOSCO expert group participation

Activities

- Contribution to IOSCO Committee on Emerging Risks (CER) work.
- Monitor financial stability, orderly market and investor protection risks at a global level.
- Bring EU-wide perspective into the IOSCO CER work.

Deliverables

- Contribution to output of IOSCO CER.

ESMA objectives

- | | |
|---------------------|-------------------------------------|
| Financial stability | <input checked="" type="checkbox"/> |
| Orderly market | <input checked="" type="checkbox"/> |
| Investor protection | <input checked="" type="checkbox"/> |

ESMA activities

- | | |
|-----------------|-------------------------------------|
| Supervision | <input type="checkbox"/> |
| Single rulebook | <input type="checkbox"/> |
| Convergence | <input type="checkbox"/> |
| Risk assessment | <input checked="" type="checkbox"/> |

