

# RE-DISS II

## Overview over the implementation of GO and Disclosure system in European countries

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Final Event

**RE-DISS II “Making Guarantees of Origin and Electricity  
Disclosure in Europe more reliable”**

Bruges, Belgium, 23 September 2015

[www.reliable-disclosure.org](http://www.reliable-disclosure.org)



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## Scope of the presentation

- Objective and methodology of the assessment
- Monitoring analysis results: GO and Disclosure systems
- Monitoring analysis results: Best Practice Recommendations

# OBJECTIVE AND METHODOLOGY OF THE ASSESSMENT

## Objective

- Understand and document the progress on:
  - The implementation of Disclosure and GO systems across the EU 28, Norway, Switzerland and Iceland (31 countries)
  - The implementation of the RE-DISS BPR (V2.1 from December 2012)
  - Eliminating the main disclosure problems during RE-DISS II and during the entire RE-DISS project (i.e. since 2010).
- The analysis is based on the qualitative data collected from the 32 domains in four rounds:
  - Start and End of RE-DISS I: 2010 & 2012; and
  - Start and End of RE-DISS II: 2014 & 2015

## Methodology used for the assessment

- Focus on:
  - Disclosure systems:
    - assessment of legislation
    - competent body
  - GO systems in place (RES & CHP):
    - systems in place and operational
    - legislation
    - competent bodies
  - Transposition of points a) and b) of Article 3(9) of the IEM Directive;
  - Transposition to national law of all items of Art.15 of the RES Directive (with a special focus on RES-GO);
  - Implementation of the RE-DISS BPR (v2.1);
  - Improvement in addressing the main disclosure problems

## Methodology used for the assessment

- Procedure:
  - A qualitative data collection spreadsheet was developed and distributed to CBs with detailed instructions;
  - The different items were analysed as being: “in-line”, “almost in line”, “not in line”, “not applicable” or “not known”;
  - Further details on the actual implementation of the BPRs and disclosure and GO systems were also asked to CB

Besides the development of the Monitoring Report and Baseline report (developed in 2014) this information was also used to develop **2 rounds of Country Profiles for the 32 domains.**

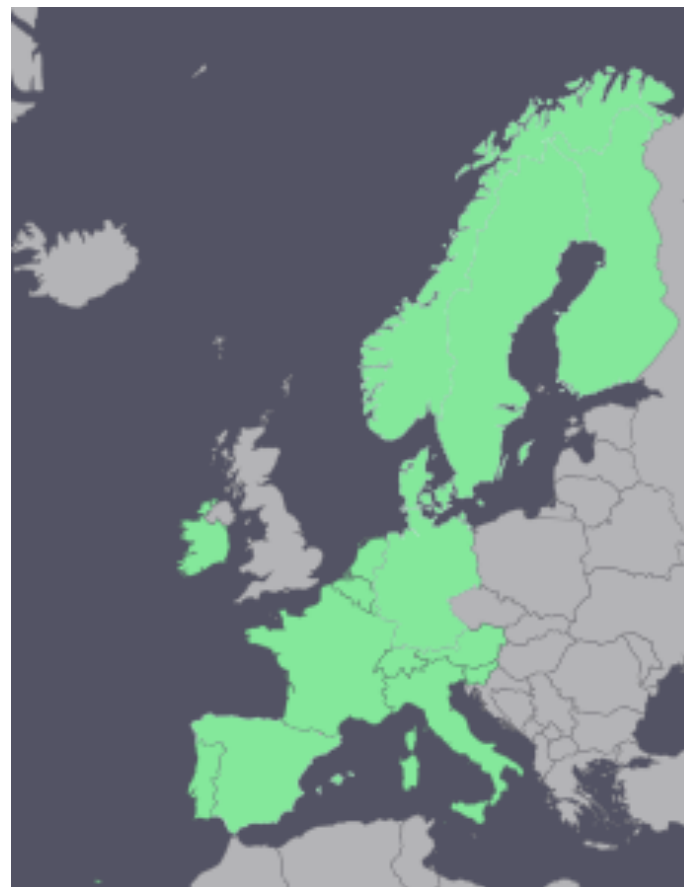
## Methodology used for the assessment

- On the Monitoring Report with the information inventoried 2 different types of analysis were conducted:

	Improvements during RE-DISS II	Improvements during entire RE-DISS Project
<b>Matrixes with an easy colour scheme</b>	<ul style="list-style-type: none"> <li>- General implementation of disclosure and GO systems;</li> <li>- Implementation of items (a) and (b) of Art. 3(9) of the IEM Directive;</li> <li>- Implementation of the BPR at the “start/2014” and “end/2015” of RE-DISS II.</li> </ul>	<ul style="list-style-type: none"> <li>- General implementation of disclosure and GO systems;</li> </ul>
<b>Graphical representation of the implementation of the BPRs in a scale from 0% - 100%</b>	<ul style="list-style-type: none"> <li>- Implementation of all RE-DISS BPR in 32 domains;</li> <li>- Implementation of the different categories of RE-DISS BPR on 32 domains;</li> <li>- Improvements in addressing the disclosure problems 32 domains</li> </ul>	<ul style="list-style-type: none"> <li>- Implementation of all RE-DISS BPR across 17 domains;</li> <li>- Implementation of the different categories of RE-DISS BPR on 17 domains;</li> <li>- Improvements in addressing the disclosure problems on 17 domains</li> </ul>

## Domains assessed in the report

- Improvements during RE-DISS II: 32 domains / 31 countries
- Improvements during entire RE-DISS (I&II): 17 domains / 16 countries





# **MONITORING ANALYSIS RESULTS**

## ***DISCLOSURE AND GO SYSTEMS***

## Implementation of Disclosure and GO systems

Domains	Disclosure System					
	Implement ed & Operationa l		Legislation in Place		Competent Body Assigned	
	Start	End	Start	End	Start	End
Austria					E-Control	E-Control
Belgium-Wallonia					CWaPE	CWaPE
Belgium-Flanders					VREG	VREG
Bulgaria					SEWRC	SEWRC
Croatia					HERA	HERA/ HROTE
Cyprus					CERA	CERA
Czech Republic					ERU	ERU
Denmark					Energinet. dk	Energinet. dk
Estonia					Elering AS	Elering AS
Finland					Energy Authority	Energy Authority
France					Ministry of Energy	Ministry of Energy
Germany					BNetzA	BNetzA
Greece					LAGIE	LAGIE
Hungary					MEKH	MEKH
Iceland					National Energy Authority	National Energy Authority
Ireland					CER	CER
Italy					GSE	GSE

Domains	Disclosure System					
	Implemented & Operational		Legislation in Place		Competent Body Assigned	
	2014	2015	2014	2015	2014	2015
Latvia					Ministry of Economics	Ministry of Economics
Lithuania					Litgrid AB	Litgrid AB
Luxembourg					ILR	ILR
Malta					Malta Resources Authority	Malta Resources Authority
Norway					NVE	NVE
Poland					Ministry of Economy	Ministry of Economy
Portugal					ERSE	ERSE
Romania					ANRE	ANRE
Slovakia					URSO	URSO
Slovenia					AGEN-RS	Energy Agency
Spain					CNE	CNE
Sweden					Energy Markets Inspectorate	Energy Markets Inspectorate
Switzerland					BIE/ SFOE	BIE/ SFOE
The Netherlands					ACM	ACM
Great Britain					DECC/ OFGEM	DECC/ OFGEM

At the end of RE-DISS II:

- 22 domains: full disclosure system implemented & operational (≠perfect systems!)
- 8 domains: “almost in line” disclosure system for various reasons
- 2 domains: disclosure system not in line (no legislation)

Domains	RES-GO System						Electronic System for GO	
	Implemented & Operational		Legislation in Place		Competent Body Assigned		Start	End
	Start	End	Start	End	Start	End		
Austria					E-Control	E-Control		
Belgium-Wallonia					CWaPE	CWaPE		
Belgium-Flanders					VREG	VREG		
Bulgaria					SEDA	SEDA		
Croatia					HROTE	HROTE		
Cyprus					CERA / TSO-Cy	CERA / TSO-Cy		
Czech Republic					OTE	OTE		
Denmark					Energine t.dk	Energine t.dk		
Estonia					Elering AS	Elering AS		
Finland					Fingrid	Fingrid		
France					Powernext	Powernext		
Germany					UBA	UBA		
Greece					LAGIE / HDNO / CRES	LAGIE / HDNO / CRES		
Hungary					MEKH	MEKH		
Iceland					Landsnet	Landsnet		
Ireland					SEMO	SEMO		
Italy					GSE	GSE		
Latvia					Ministry of Economics	Ministry of Economics		
Lithuania					Light AB	Light AB		
Luxembourg					ILR	ILR		
Malta					Malta Resources Authority	Malta Resources Authority		
Norway					Statnett	Statnett		
Poland					ERO	ERO		
Portugal					REN	DGEG		
Romania					ANRE	ANRE		
Slovakia					URSO	URSO		
Slovenia					AGENCIJA	Energy Agency		
Spain					CNE	CNE		
Sweden					Swedish Energy Agency & Svenska Kraftnät	Swedish Energy Agency		
Switzerland					Swissgrid	Swissgrid		
The Netherlands					Certiq	Certiq		
Great Britain					OFGEM	OFGEM		

## RES-GO System at the end of RE-DISS II:

- 29 domains had a RES-GO system in place
- 3 were “almost in line”
  - No electronic registry for GO (MT, SK)
  - System created by law but not operational (PT)

Domains	Member States shall ensure that electricity suppliers specify in or with the bills and in promotional materials made available to final customers:			
	(a) the contribution of each energy source to the overall fuel mix of the supplier over the preceding year in a comprehensible and, at a national level, clearly comparable manner;		(b) at least the reference to existing reference sources such as web pages, where information on environmental impact, in terms of at least CO2 emissions and the radioactive waste resulting from the electricity produced by the	
	Start (2014)	End (2015)	Start (2014)	End (2015)
Austria				
Belgium-Wallonia				
Belgium-Flanders				
Bulgaria				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
France				
Germany				
Greece				
Hungary				
Iceland				
Ireland				
Italy				
Latvia				
Lithuania				
Luxembourg				
Malta				
Norway				
Poland				
Portugal				
Romania				
Slovakia				
Slovenia				
Spain				
Sweden				
Switzerland				
The Netherlands				
Great Britain				

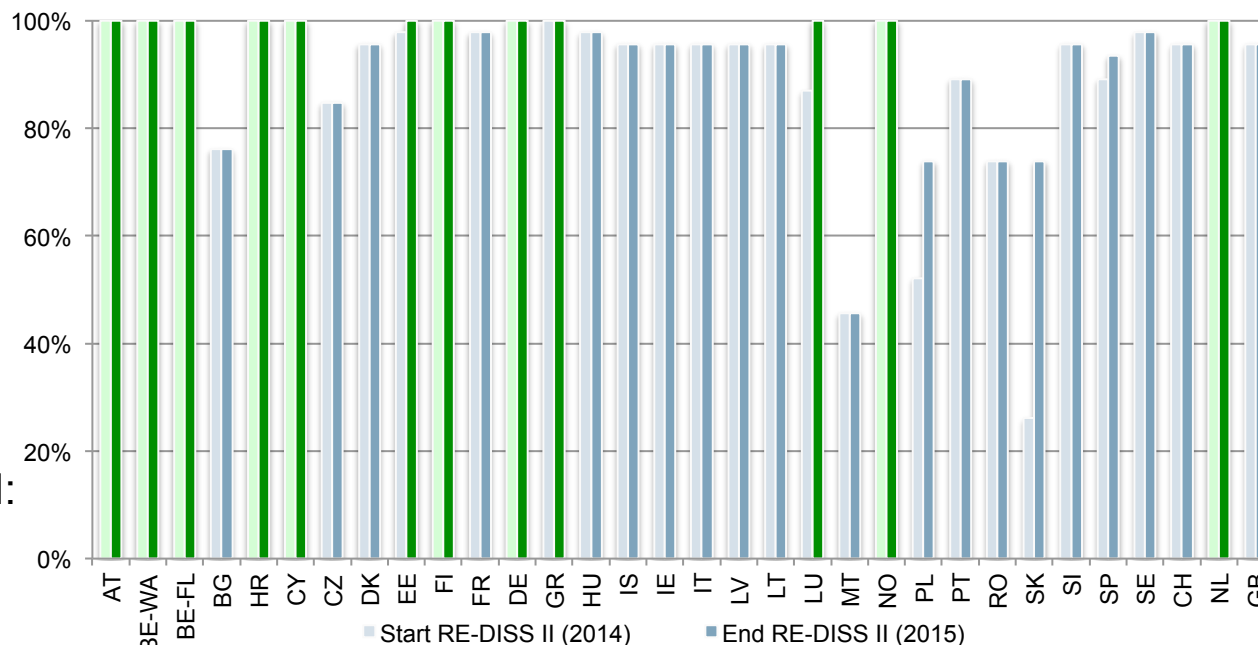
## Implementation of Items a) and b) of Art.3(9) of the IEM Directive

At the end of RE-DISS II:

- **21 fully in line**
- **5 “almost in line”**
  - No mandatory disclosure of environmental parameters (CZ, HR, CH)
  - Disclosure system legislation still a draft: (CY, MT)
- 3 with only one item fully implemented (BE-FL, FR, IS)
- 2 with one of the items “almost in line” and the other lacks implementation (IT, NO)
- 1 domains lacks implementation of both items – BG (no disclosure system in place)

## Implementation of Art.15 of the RES Directive

Implementation of Art.15 of the RES Directive during RE-DISS II



At the end of RE-DISS II:

- **12 domains fully transposed all mandatory items**
- **15 transposed more than 80% of the mandatory requirements;**
- **5 domains implemented less than 80% of the mandatory requirement**
- Reasons for incomplete implementation:
  - the GO system still based on the 2001 Directive;
  - Domains still working on the transposition of the RES-Directive;
  - for some of the articles the transposition of a given item was not clear and thus assessed as “not known”.

## Improvements registered during RE-DISS I&II in the disclosure and GO system

Domains	Disclosure System								RES-GO System								CHP-GO								Electronic System for GO			
	Implemented & Operational				Legislation in Place				Implemented & Operational				Legislation in Place				Implemented & Operational				Legislation in Place							
	Phase I		Phase II		Phase I		Phase II		Phase I		Phase II		Phase I		Phase II		Phase I		Phase II		Phase I		Phase II		Phase I		Phase II	
	2010	2012	2014	2015	2010	2012	2014	2015	2010	2012	2014	2015	2010	2012	2014	2015	2010	2012	2014	2015	2010	2012	2014	2015	2010	2012	2014	2015
Austria																												
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Slovenia																												
Spain																												
Sweden																												
Switzerland																												
The Netherlands																												

AT, BE-WA, BE-FL, DK, FR, DE, SI, ES and NL had full disclosure and GO system in place since the start of RE-DISS I.

The other 8 domains registered improvements in the implementation of disclosure and GO systems in both RE-DISS I and II.

- Improvements in the disclosure system: FI, IE, IT, LU, PT and SE. Mainly due to: (i) amendment of existing legislation on disclosure; (ii) improvement of GO systems in place and its connection to disclosure and (ii) implementation of an electronic database for GO.
- Improvements of the RES-GO system: IE, LU and PT.
- Improvements on the CHP-GO system: IE, LU, PT, NO and CH.
- implementation of the system;
- revision of the legislation; creation of an electronic registry.

# **MONITORING ANALYSIS RESULTS**

## ***BEST PRACTICE RECOMMENDATIONS***

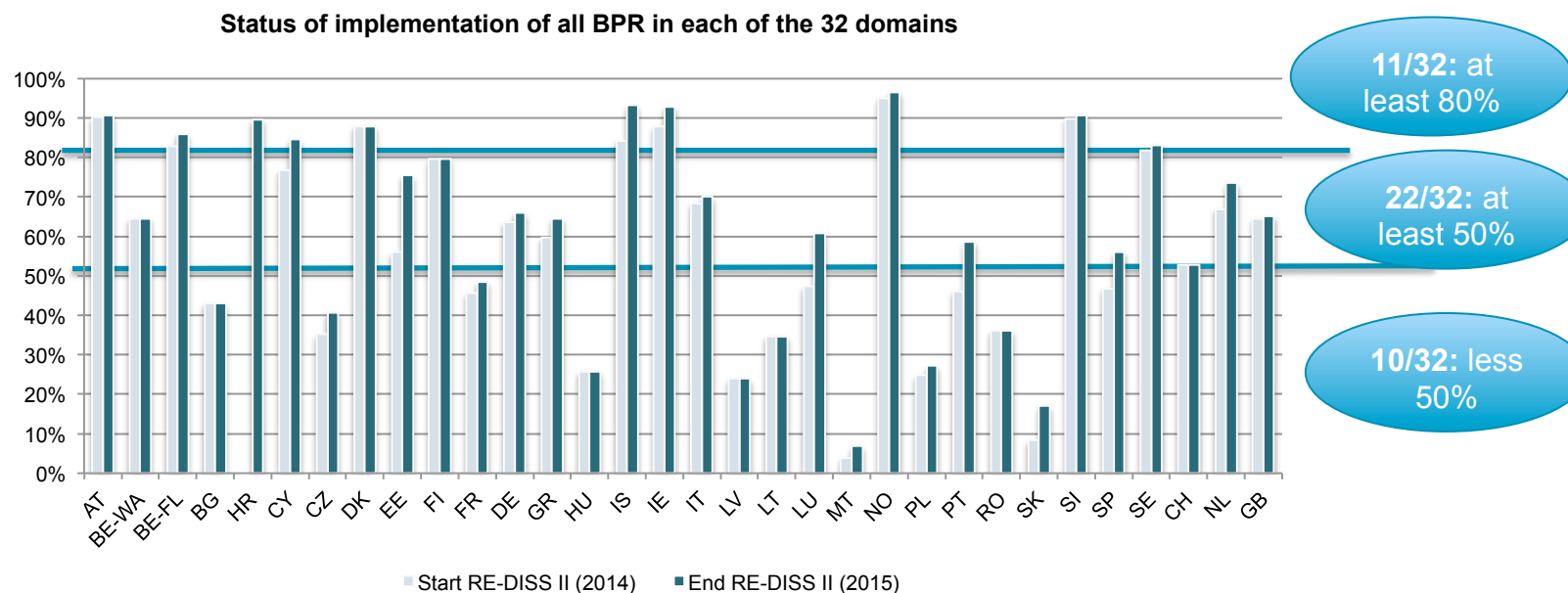


# Implementation of RE-DISS BPR during RE-DISS II

		AT		BE-WA		BE-FL		BG		HR		CY		CZ		DK		EE		FI		FR		DE		GR		HU		IS		IE		IT		LV		LT		LU		MT		NO		PL		PT		RO		SK		SI		SP		SE		CH		NL		GB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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## Implementation of all RE-DISS BPR during RE-DISS II



At the end of RE-DISS II:

- BPR implemented substantially throughout the domains.
- Domains lacking in the implementation of the BPR (less than 30%) : HU, LT, MT, PL and SK. GO and disclosure systems in these countries are at an embryonic stage and/or are still being developed. + a lot of BPR for which the information was unknown ("NK")

**Important to state that some improvements in the implementation of the BPR were registered for 23/32 domains during RE-DISS II and 4 others were already quite advanced (BE-Wa, DK, FI, SE)**

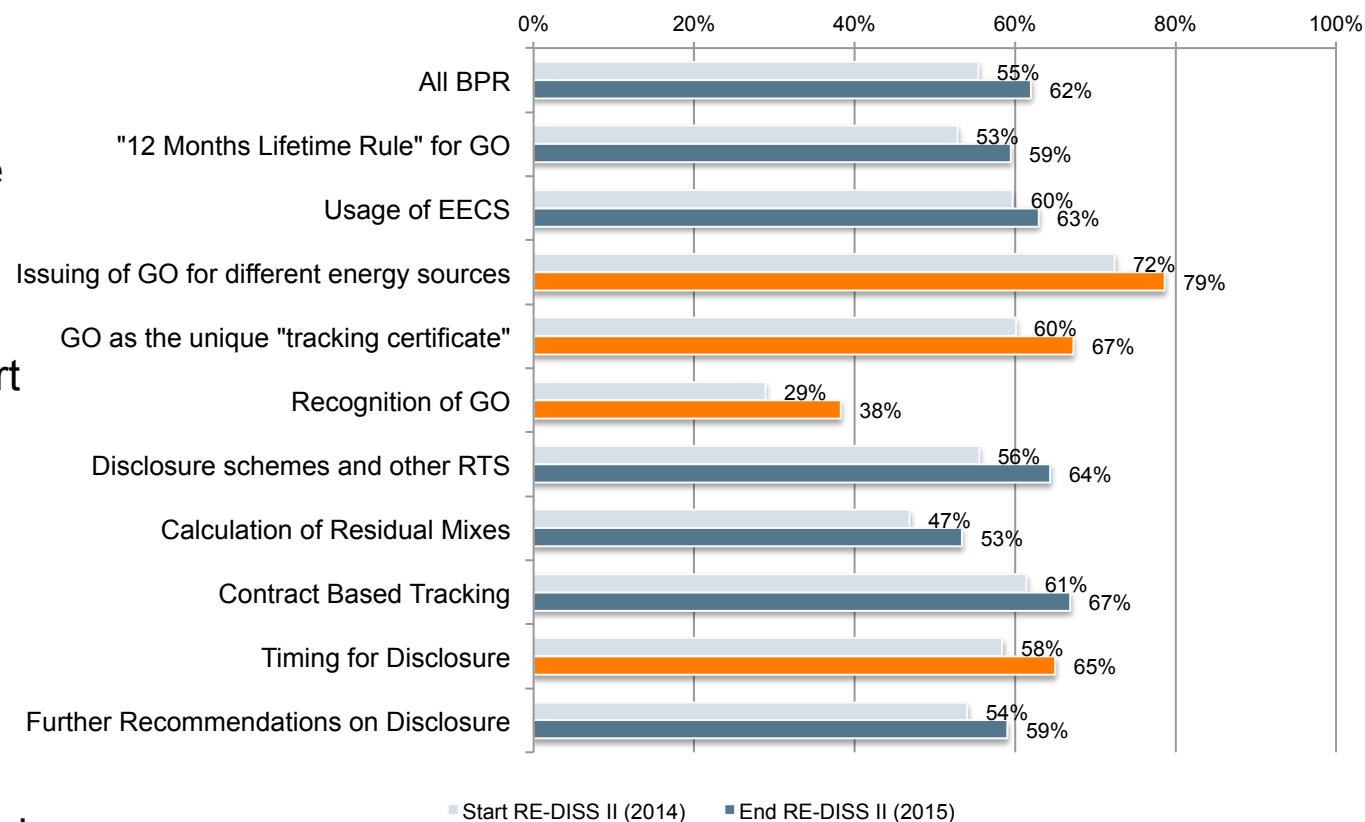
## Improvements in the implementation of the BPR categories during RE-DISS II in all 32 domains

- Improvements registered throughout all categories

Actual improvements made in the 32 domains during RE-DISS II at BPR level

- Reasons for the registered moderate improvements (btw 3-9 pts):

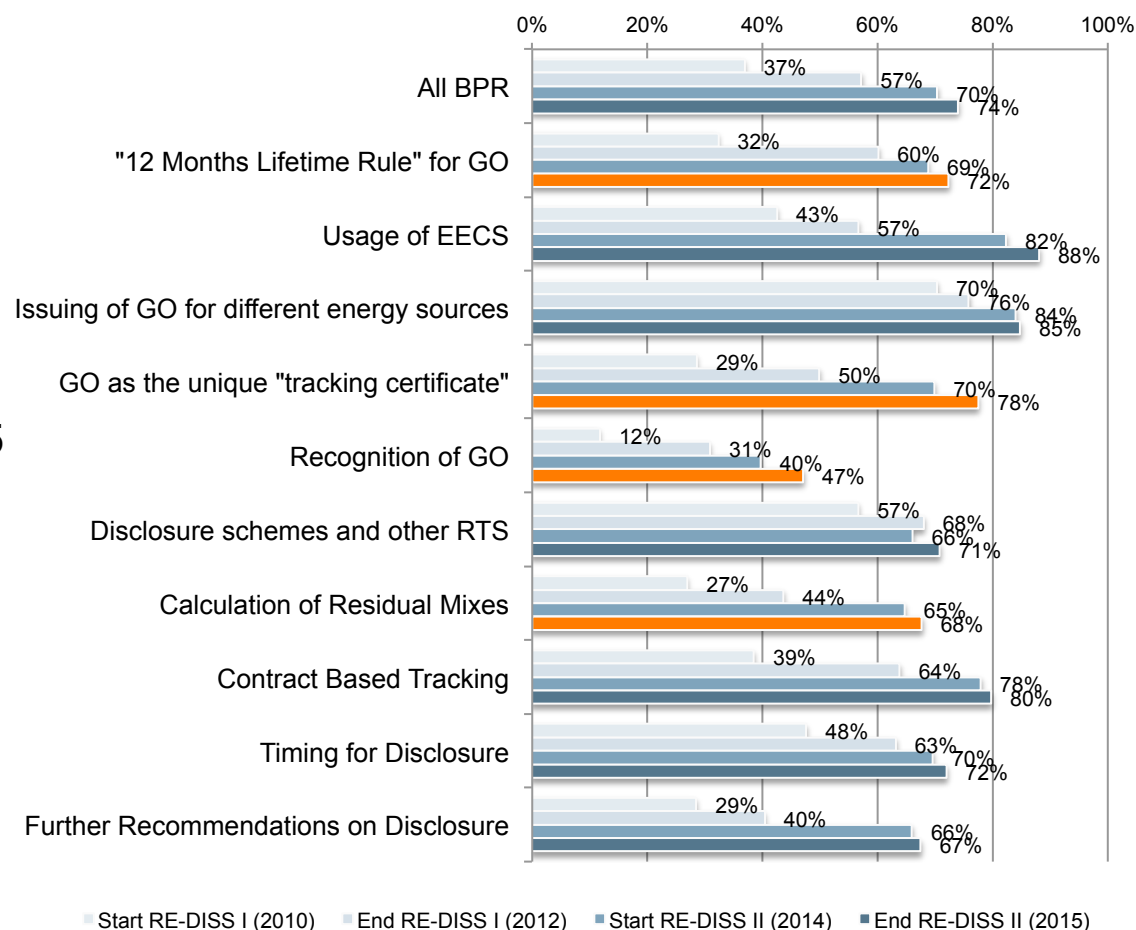
- a big part of the domains at the start of RE-DISS II had already disclosure and GO systems compliant with a large part of the BPRs;
- only few domains enacted laws and largely changed their disclosure and GO systems.



## Improvements in the implementation of the BPR categories during RE-DISS I & II in 17 domains

Actual improvements made in the 17 domains during RE-DISS (I&II) at BPR level

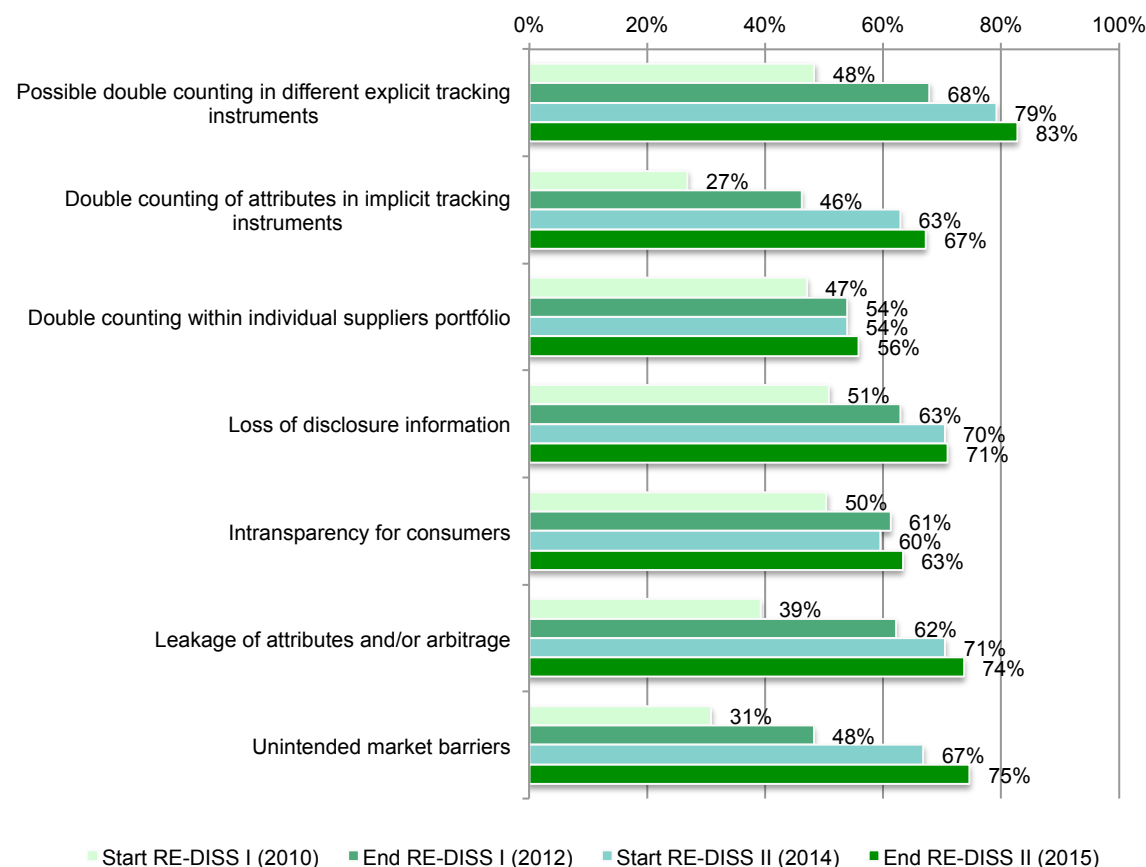
- Important improvements were registered throughout all BPR categories (btw 14-49 percentage points)
- The biggest rates of improvements registered during RE-DISS I (between 5 and 28 pts).
- During RE-DISS II rates of improvement more moderate (between 1 and 8 pts).



## Improvements in addressing the main disclosure problems during RE-DISS I&II in 17 domains

- High improvements registered in addressing the main disclosure problems (9-44 pts of improvement)
- Biggest improvements during RE-DISS I (between 7 and 23 pts).
- During RE-DISS II the registered improvements were moderate: between 1-8 pts.

Actual improvements made in the 17 domains during RE-DISS (I&II) in addressing the main disclosure problems



## What progress with RE-DISS?

- Formal implementation of RES and IEM Directives is now completed in almost all European countries
- Significant improvements on the RES-GO systems
- Also many improvements on disclosure, explicit tracking above all, but also implicit tracking: high relevance of RM
  - From 55% to 62% BPR implemented throughout domains
- Progresses still to be made on disclosing products and making disclosure information more transparent to consumers
- All countries have progressed during RE-DISS. Still some improvements possible in less mature electricity markets, but also some success stories.

**Many thanks for your attention!**

Diane Lescot

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