



Netherlands Enterprise Agency



# Guarantees of Origin implemented in Netherlands

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# Guarantees of Origin (COM 2009/28, art 15)

## A document about a product and registration



- Proof of production
- A buyer/market
- A registry
- Issuing body
  
- Quality
- Quantity
- Price
- Trust



# A guarantee or Origin

## Certificate Number ↕

643002406556100800000011548778

643002406556100800000011548776

871686799993800000000000000449

8716867999938000000000000013977

8716867999938000000000000013978

8716867999938000000000000013980

8716867999938000000000000013981

General	Measurement Report	Production Installation	
Certificate Number From	871686799993800000000000000449	Certificate Number To	871686799993800000000000000654
Energy Medium	Electricity	Purpose	Disclosure
Product Types	Source	Multi Certificates	<input type="checkbox"/>
Type	gvoDuurzaamElectriciteit	ICS	<input type="checkbox"/>
Own Use	<input type="checkbox"/>	Imported	<input type="checkbox"/>
Issuing Body	TenneT	Competent Body	NL01
Issue Date	03-05-2012	Expiration Date	03-05-2013
Gasification	<input type="checkbox"/>	# of certificates	206
Country of Origin	Netherlands	Status	Valid

First Previous **1** Next Last



## NL Electricity law (1998)

- Article 73: Minister responsible to issue GOO's for Renewable Electricity and CHP
- Minister opens an account for GOO's for producers, traders and buyers
- Article 74: The minister can mandate the task
- Article 75, 76: GOO's can be traded in EU
- Article 77: The exact implementation can be determined in a Ministerial Regulation



# Implementation

certiq

- Implementation body is:  
[www.certiq.nl](http://www.certiq.nl)
- owned by TENNET
  - Government owned grid operator





# Input screen for producers and buyers

**certiq** My Certificates Registration Logout

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**Search Certificates**

Certificate Number From	<input type="text"/>	Certificate Number To	<input type="text"/>
EAN Code	<input type="text"/>	Energy Medium	All <input type="button" value="v"/>
Issue Date From	01-09-2012 <input type="button" value="c"/>	Issue Date To	01-10-2012 <input type="button" value="c"/>
Expiration Date From	<input type="text"/>	Expiration Date To	<input type="text"/>
Production Date From	<input type="text"/>	Production Date To	<input type="text"/>
Trader	<input type="text"/> <input type="button" value="Q"/>	Technology	T020001 (Wind Unsp) <input type="button" value="v"/>
Fuel	All <input type="button" value="v"/>	Status	All <input type="button" value="v"/>
Country of Origin	Netherlands <input type="button" value="v"/>	Certificate Type	Disclosure certificate GO renewable electricity GO renewable heat GO cogeneration Other Cogeneration certificate

**Search**

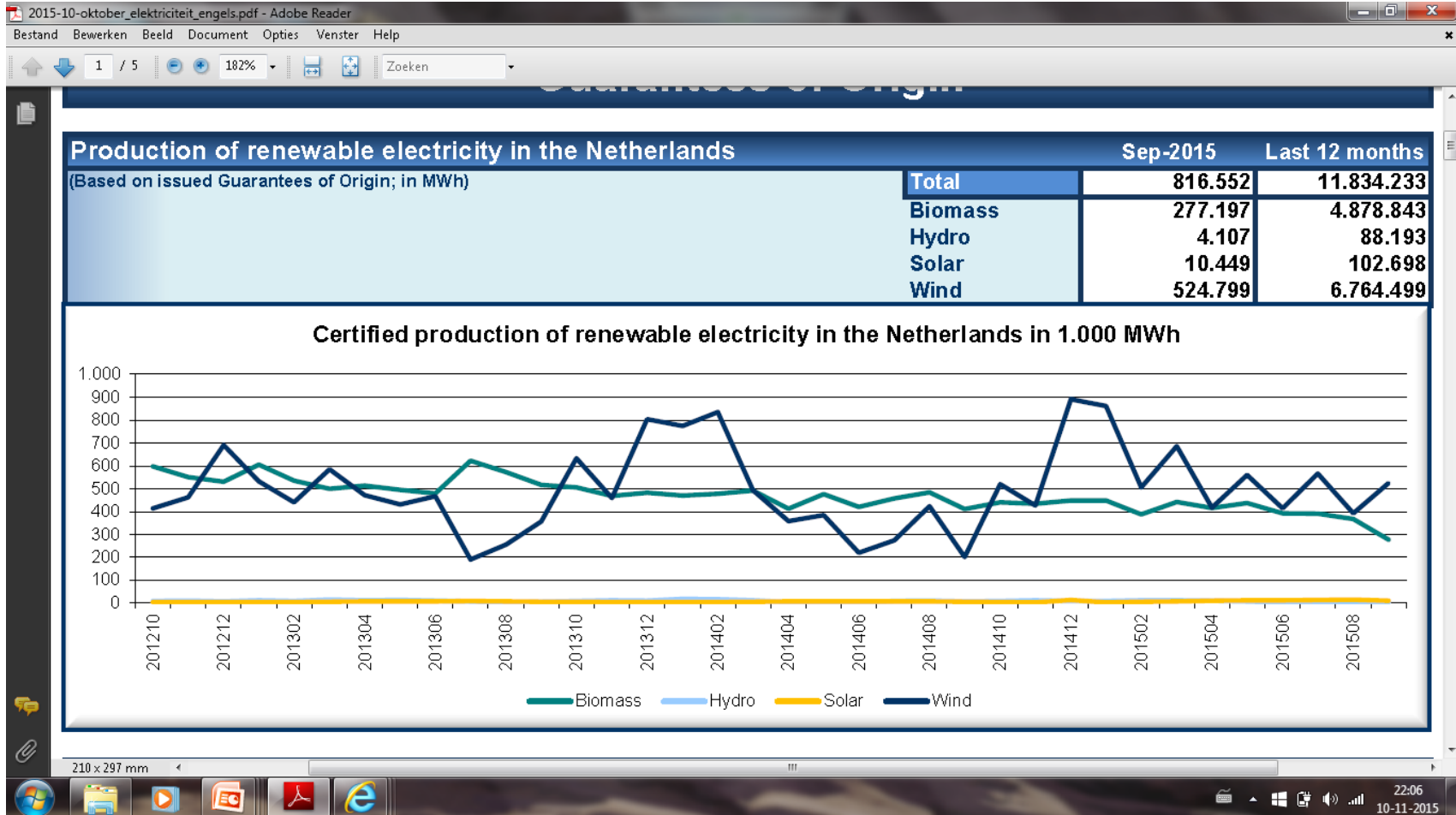
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**Certificate Number**

	General	Measurement Report	Production Installation
Certificate Number From	<input type="text"/>	Certificate Number To	<input type="text"/>
Energy Medium	Electricity	Purpose	Disclosure
Product Types	Source	Multi Certificates	<input type="checkbox"/>
Type	gvoDuurzaamElectriciteit	ICS	<input type="checkbox"/>
Own Use	<input type="checkbox"/>	Imported	<input type="checkbox"/>
Issuing Body	CertiQ	Competent Body	NL01
Issue Date	06-09-2012	Expiration Date	06-09-2013
Gasification	<input type="checkbox"/>	# of certificates	1259
Country of Origin	Netherlands	Status	Valid

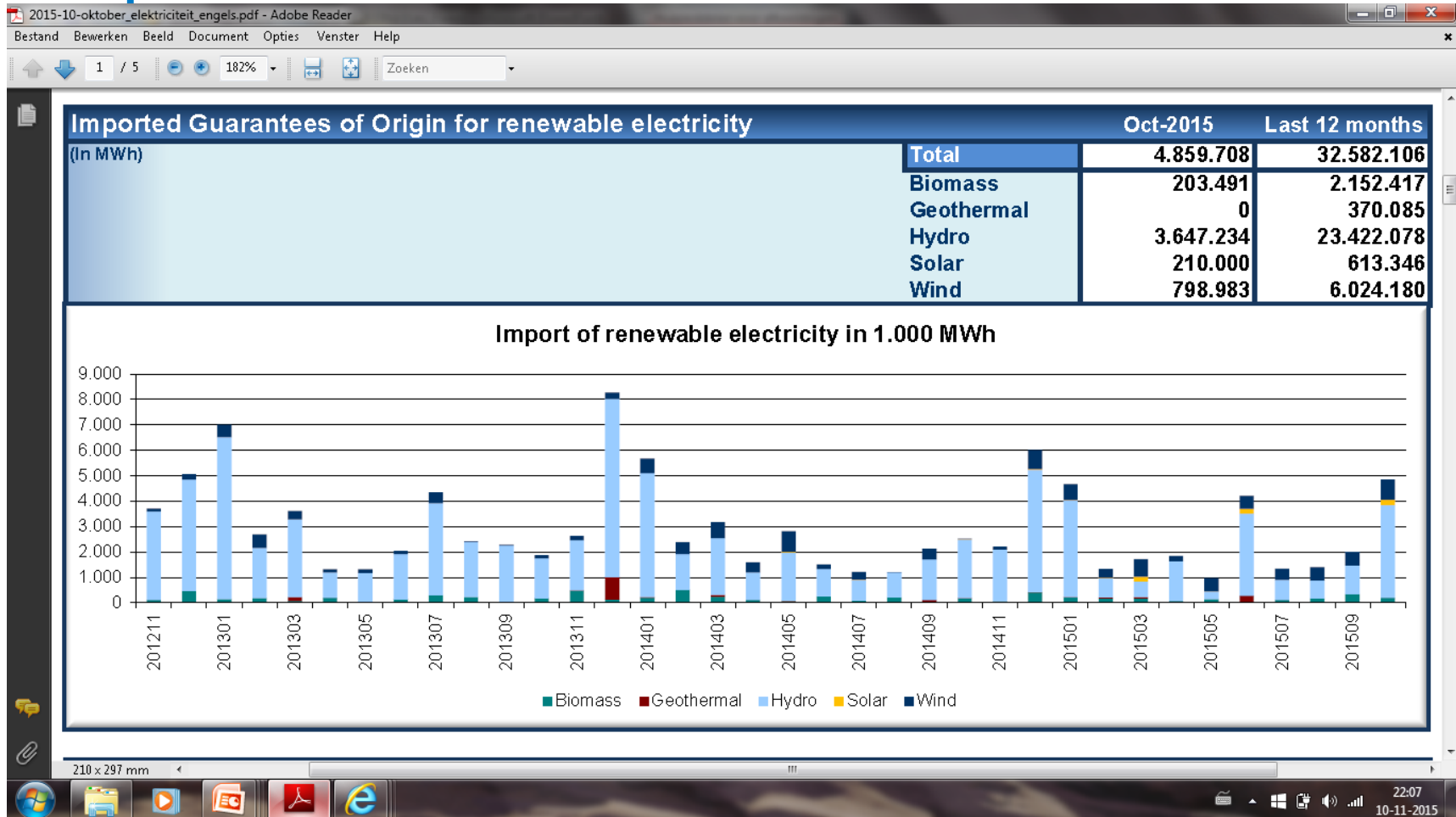


# Production of GO's in Netherlands





# Imported GO's



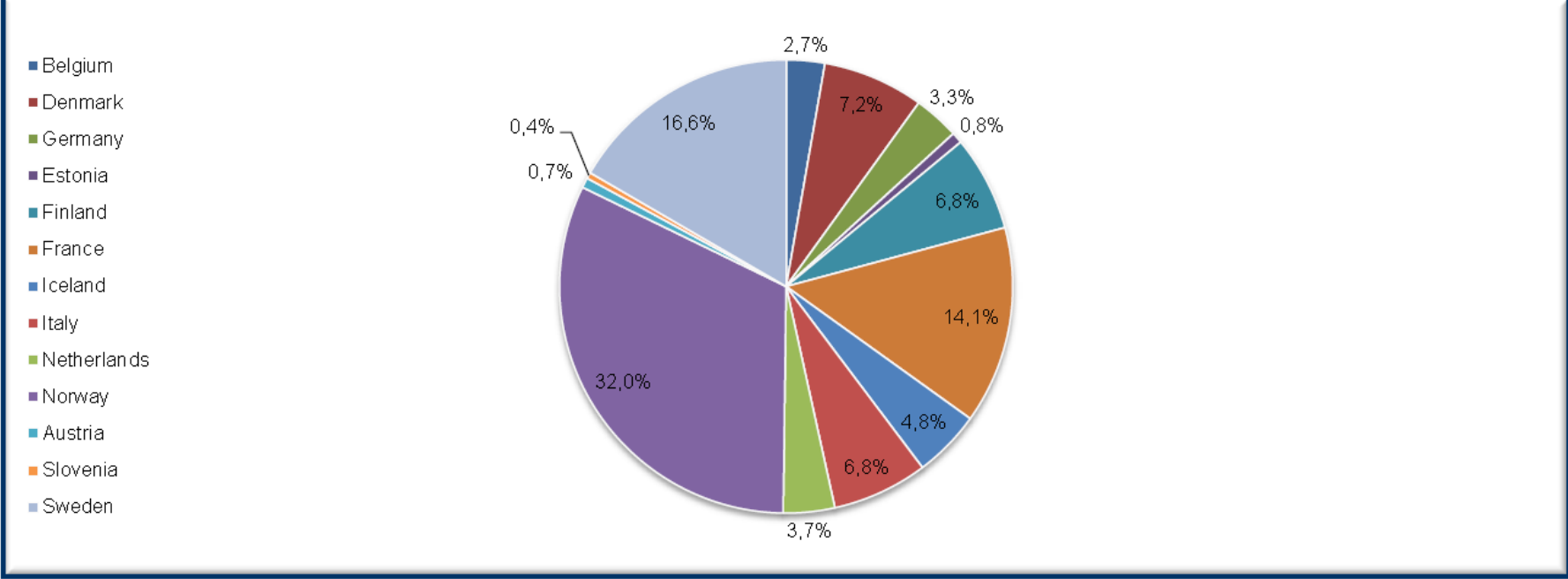




# Country of Origin

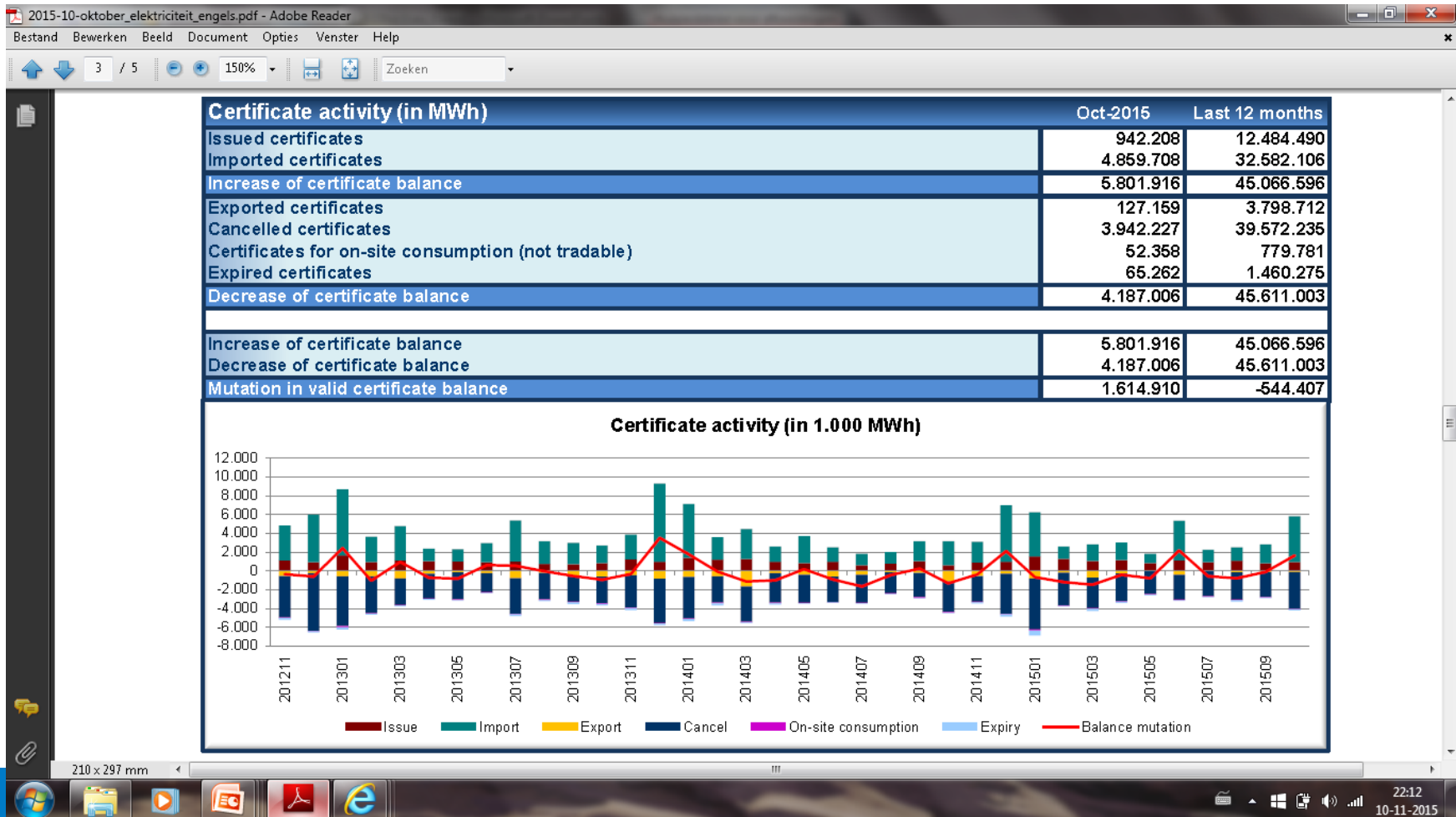
## Guarantees of Origin

Originating countries of Guarantees of Origin imported during the last 12 months



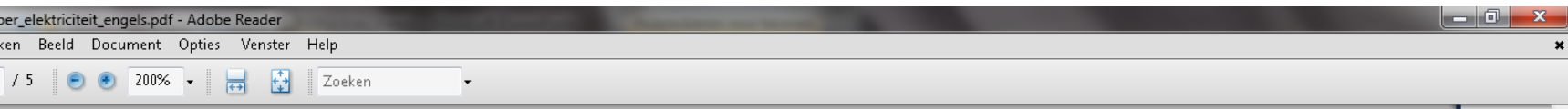


# Certificate Activity in NL 2012 - 2015





# Registration of production devices

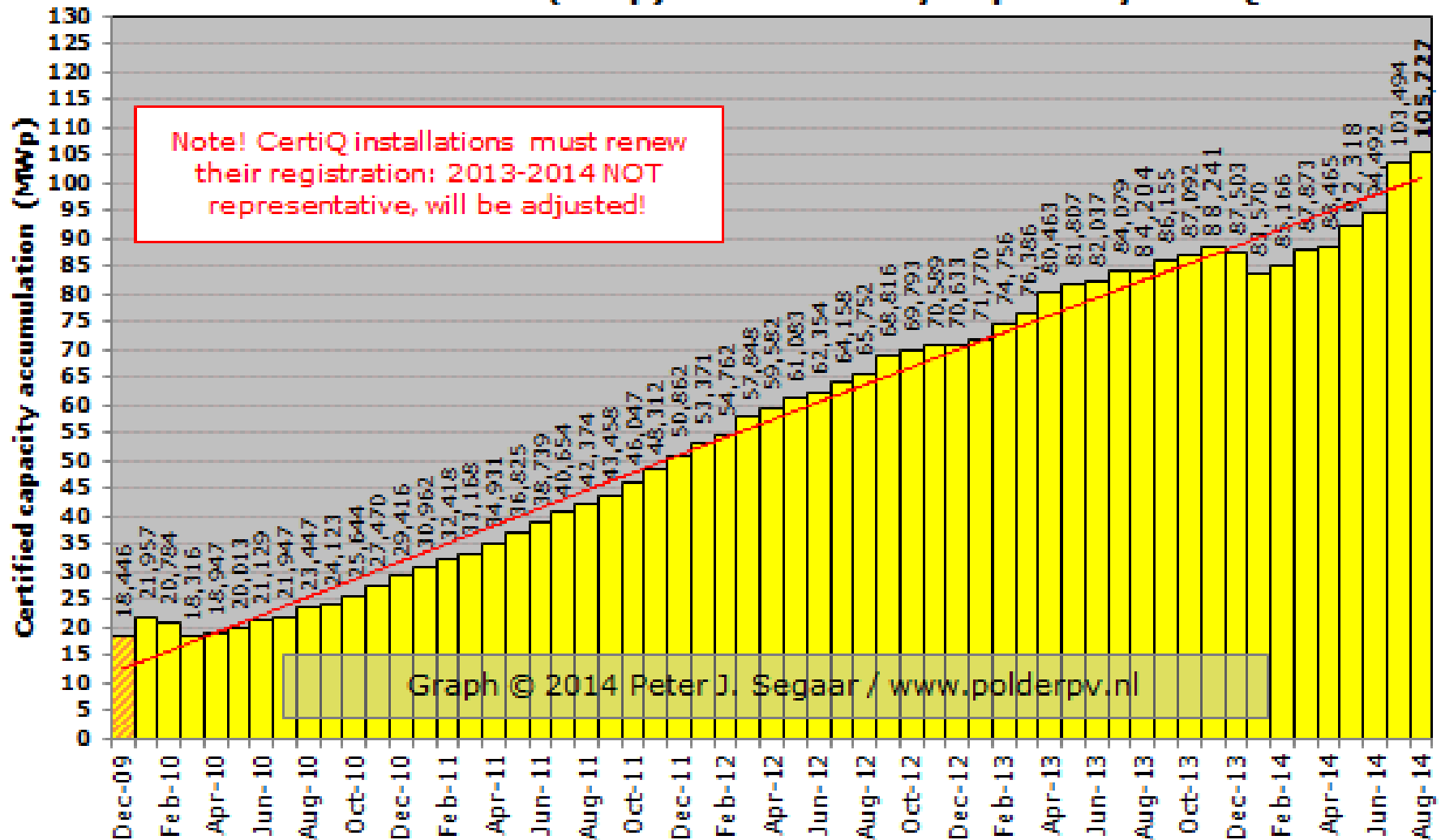


## Production devices electricity

	Per 01-11-2015	
	Number	Capacity (MW)
<b>Total</b>	<b>12.652</b>	<b>13.023,236</b>
<b>Biomass</b>	270	8.928,811
<i>Of which:</i>		
Fermentation devices	168	181,429
Landfill gas devices	29	19,222
Waste incineration devices	30	1.414,000
Co-firing devices	13	6.953,000
Other biomass	30	361,160
<b>Hydro</b>	14	26,211
<b>Solar</b>	11.262	187,568
<b>Wind</b>	1.106	3.880,646



## Accumulation of nominal capacity of **certified** PV-installations in Netherlands (MWp). Data: monthly reports by CertiQ.





## Steps for implementation

- Formulate requirements in national law
- Appoint Issuing body
  - (seek contact with Association of Issuing Bodies))
- Use standard format for GO developed by AIB