

# Governmental Policy in LED lighting

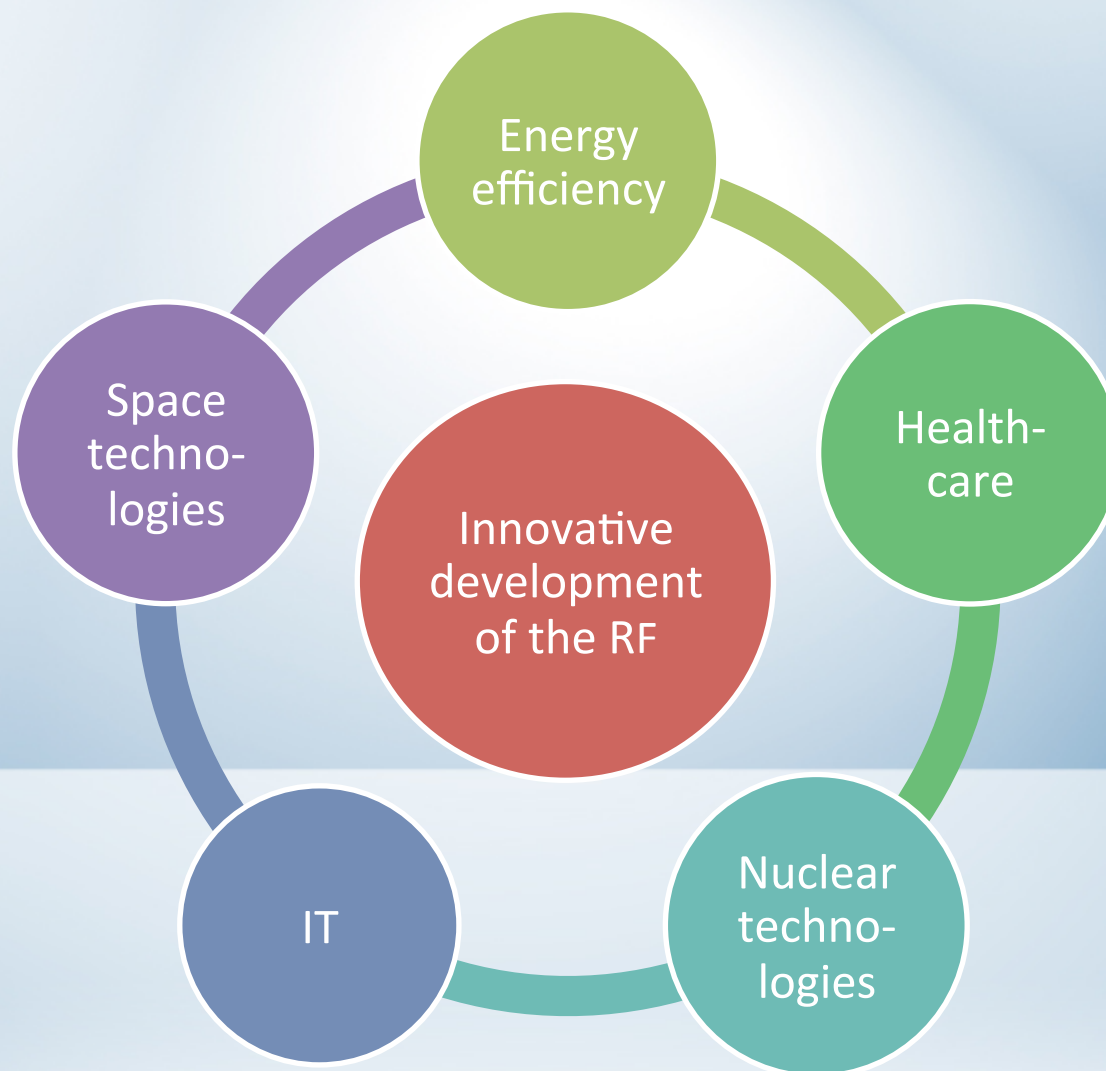


Russian Lighting Information Forum  
Guangzhou  
June, 10 2014

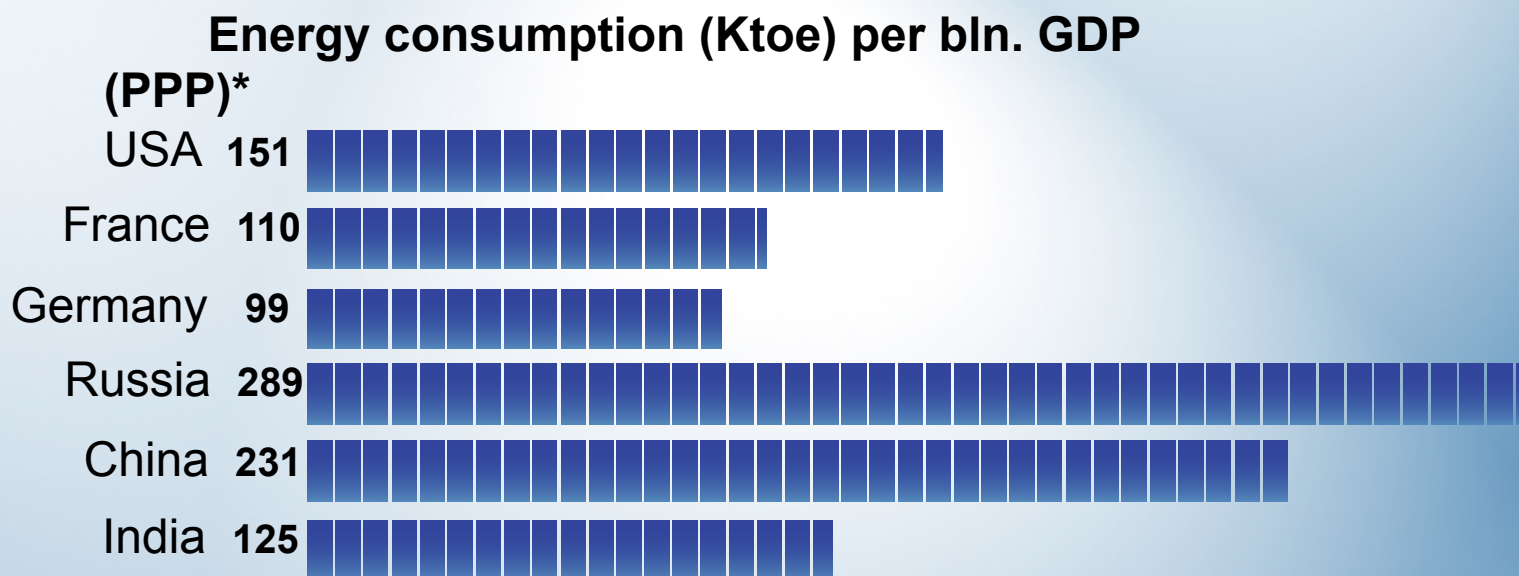
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# Strategy 2020



# Strategy 2020



- The energy intensity of Russia's GDP is 2.5 times higher than the world average and is 3 times that in Western Europe.
- High energy intensity is hampering economic growth.
- The government intends to have energy intensity reduced by 40% by 2020 against 2007.

# Strategy 2020

**Lighting is one of the five priorities in “Strategy 2020”  
of the Russian Federation**

**Law on Energy Efficiency (EE) was officially passed in 2009:**

- GLS ban;
- Introduction of obligatory lighting audit;
- Energy performance contracts;
- Obligatory 3% p.a. energy saving for the state sector.

**Action plan on EE includes:**

- Development of new technical regulations;
- Stimulation of local production of LED lamps and luminaries;
- Education and promotion of energy-efficient solutions.



# Structure of EE legislation In Russian Federation

Federal Law No. 261-FZ “On Saving Energy and Increasing Energy Efficiency, and on Amendments to Certain Legislative Acts of the Russian Federation” dated 23.11.2009

Government Decree  
#1222 dated 31.12.2009  
on EE classes

Orders of Ministry of  
Industry and Trade #357,  
#767, #768, #769, #244 on  
EE labeling

Government Decree  
#1830 dated 01.12.2009  
on EE Action Plan EE

Order of Ministry of  
Industry and Trade #602  
on EE requirements to  
lamps and lighting fixtures

Government Decree  
#1973 dated 28.10.2013  
on GLS ban and EE  
products stimulation

- New HS codes for LED lamps and lighting fixtures
- New rules for governmental purchasing of lighting products
- New sanitary norms for buildings



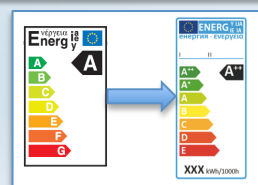
# Forthcoming changes in legislation

Technical Regulation of the Customs Union on energy efficient requirements to household electrical devices  
(based on EU Directives 244 and 245)

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# Governmental incentives for LED proliferation

Document	Incentive	Comments
Order of Ministry of Economic Development №229 dated 04.06.2010	Minimum 5% of lighting products purchased for state or municipal needs are to be LED	Russian Lighting Industry is interested in increasing of this share
Ministry of Economic Development №155 dated 25.04.2014 (update of the Order #....)	Products listed in Annex 1 produced in Russia, Belarus, Kazakhstan has 15% preference in state and municipal tenders	<p>Lamps and Lighting fixtures are not listed in Annex 1.</p> <p>Order is valid till 31.12.2015</p>

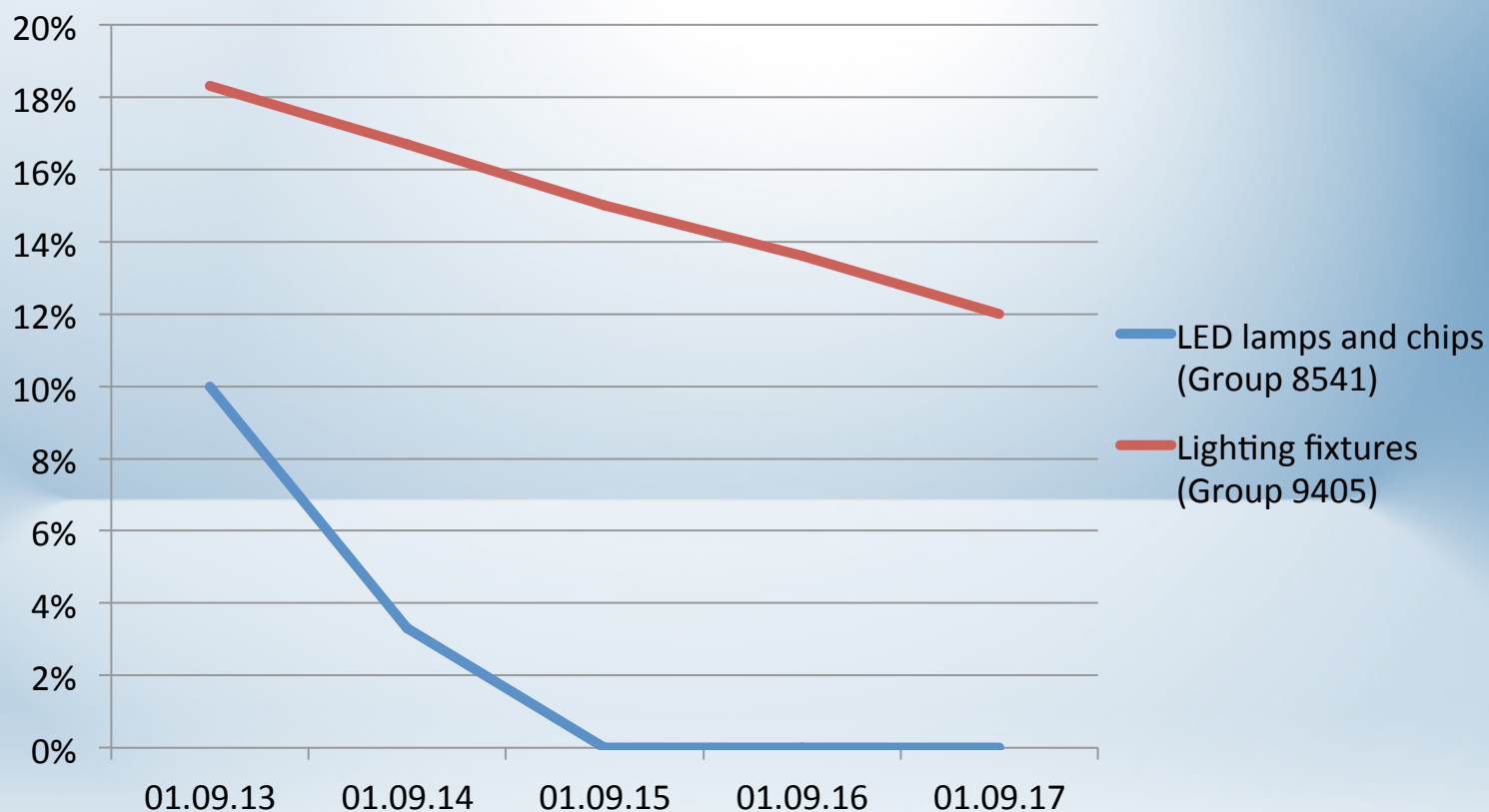
Ban of conventional technologies in 2018 (GLS, CFL, halogen):  
>300 mio sockets are to be replaced with LED



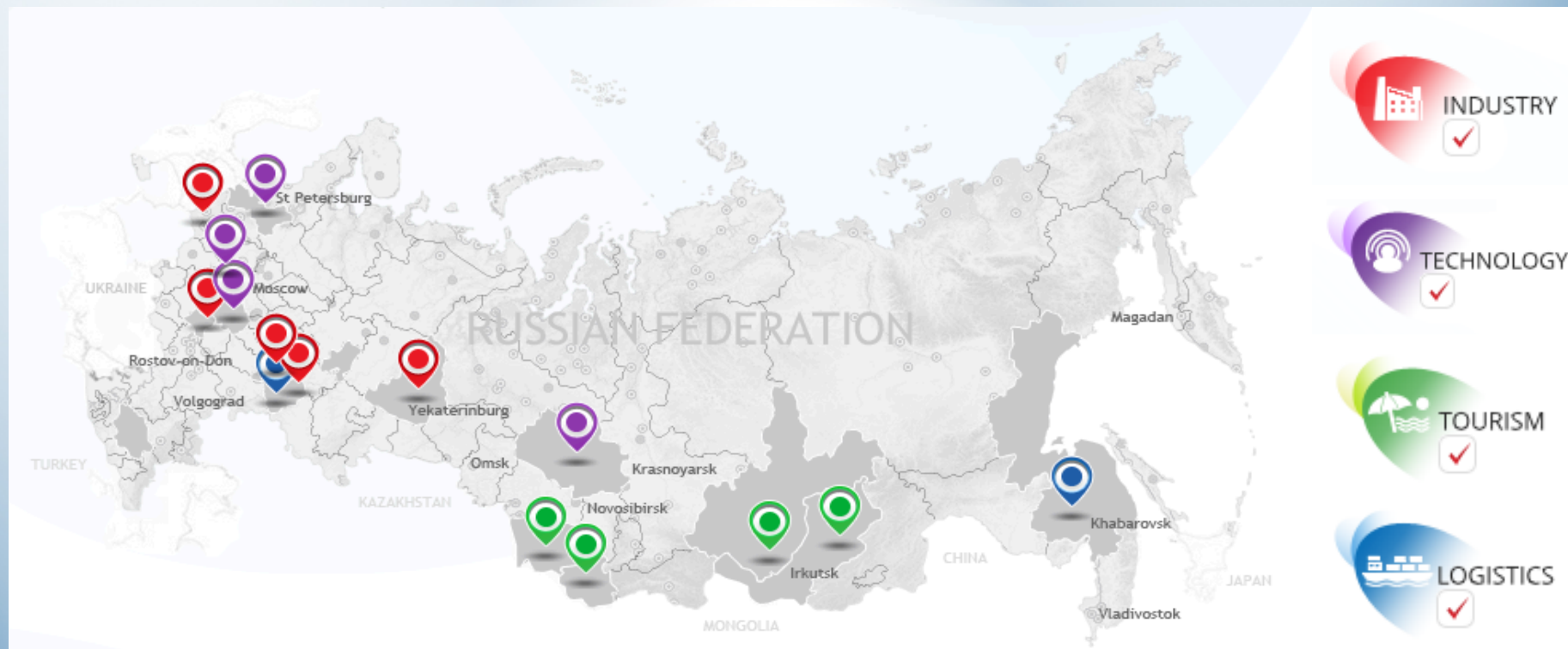
# Customs duties for LED products

Due to WTO accession in 2012, Russia has obligations to decrease customs duties.

**Decrease of customs duties for lighting products in 2013-2017**



# Free Economic Zones



The Special Economic Zones (SEZ) of the Russian Federation are a large-scale federal project aimed to bring in investments and advanced scientific, manufacturing, and management technologies.

## Benefits of SEZ:

- “One-stop shop” principle
- Tax benefits
- Special customs regime
- Existing infrastructure

# Lighting cluster in Republic of Mordovia



## Participants:

13 companies, 2 research centers, 1 university, 3 others

## Business directions:

- Light sources
- Lighting fixtures
- Electronic components
- Lighting control systems

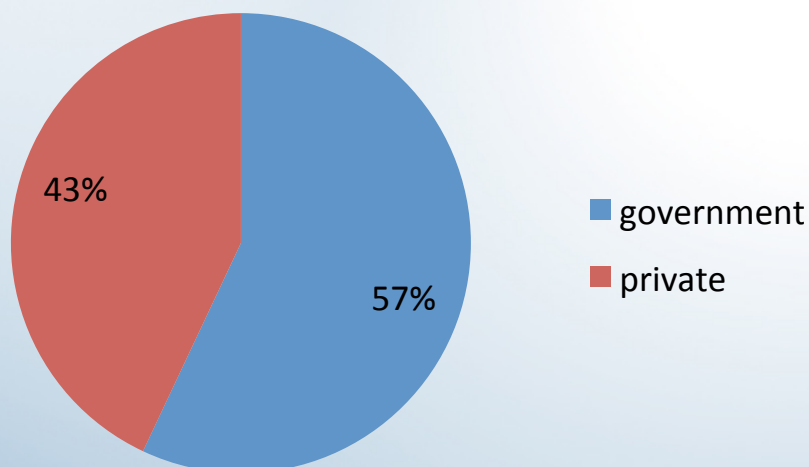
## Benefits to participants:

- Infrastructure
- Administrative support
- Qualified staff
- Governmental support

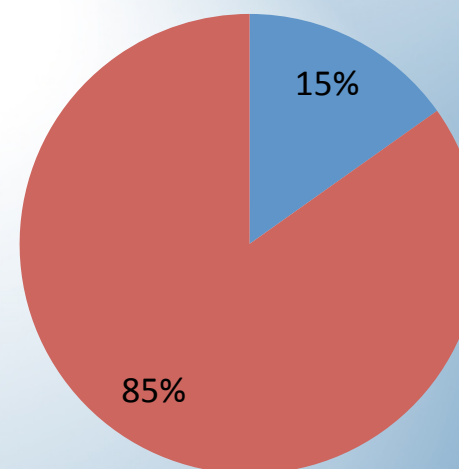


# Governmental demand for lighting products

Outdoor lighting – 274 mln USD



Indoor lighting – 1636 mln USD



Governmental spending on lighting > 400 mln USD per annum

Key specifics in governmental purchasing:

- 1) Purchasing through electronic tenders
- 2) Only Russian legal entities could participate



# Summary

Lighting is one of the 5 priorities in innovative development of the RF:  
energy efficient legislation, technical regulations

Development of local LED lighting industry is in high priority:  
customs duties, free economic zones, lighting cluster

Government is big customer for lighting products:  
>400 mln USD per annum

