



Perspectives of transition of the Republic of Kazakhstan to low carbon development

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UNFCCC MARRAKESH CONFERENCE

111- countries ratified Paris Climate Agreement , covering **77 %** world emission GHG





MARRAKESH OUTCOME OF DEVELOPING COUNTRIES FORUM

1. Development of RES;
2. Update of INDC;
3. Development of the Long term Strategy till 2020.



INDC

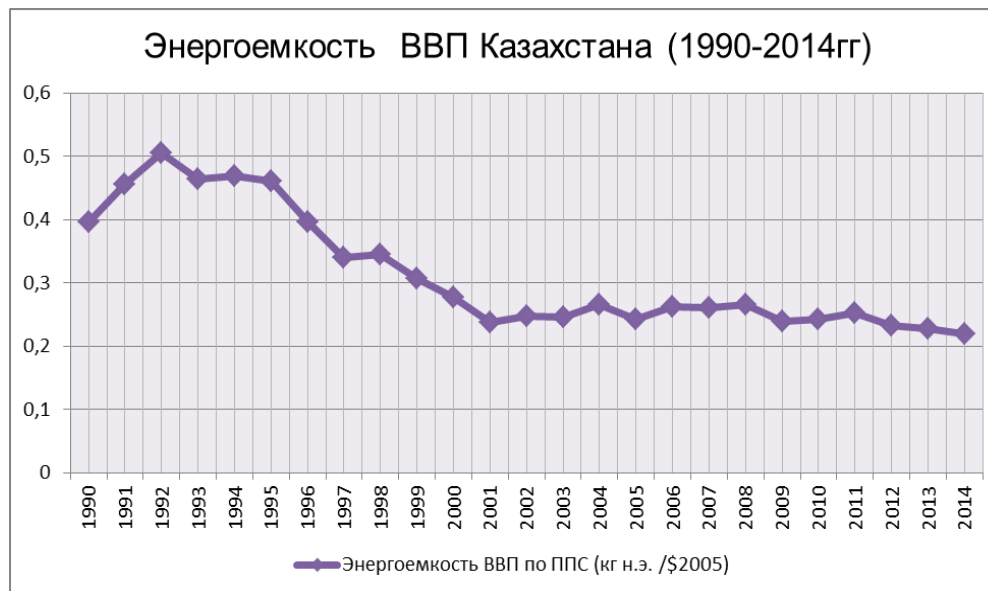
- **USA and Canada** - 80% from 2005 till 2050
- **German, EU-** 80–95% from 1990 till 2050
- **Mexico** - 50% from 2000 till 2050
- **China** - 40-45 % from 2005 till 2050
- **Kazakhstan-** 15-25 % from 1990 till 2050



Paris Agreement in Kazakhstan

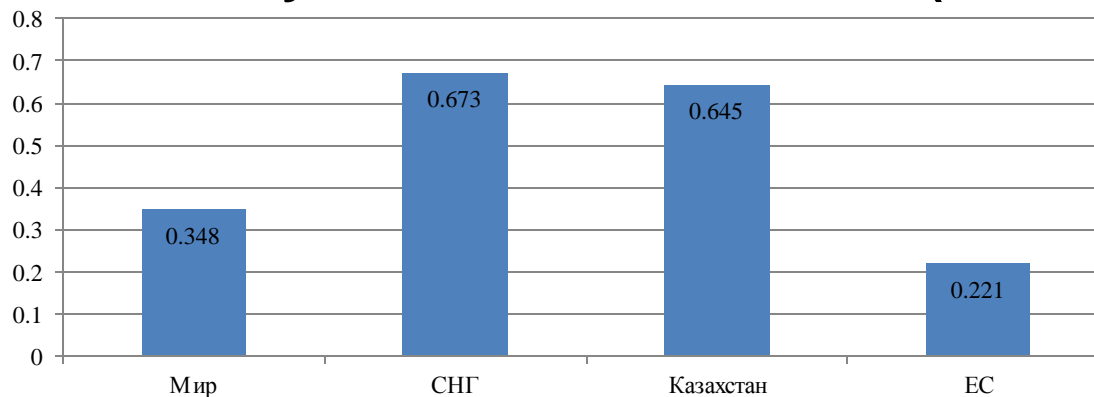
- **2-nd August 2016** - signing by Minister of Foreign affairs of Kazakhstan , Mr. Idrisov
- **4 –th November 2016-** Ratification by Order of President of Kazakhstan, Mr. Nazarbayev
- **5- th April 2017-** Decree of the President of Kazakhstan with changes to Ecocode allow re-start ETS

Energy-intensity of GDP Kazakhstan

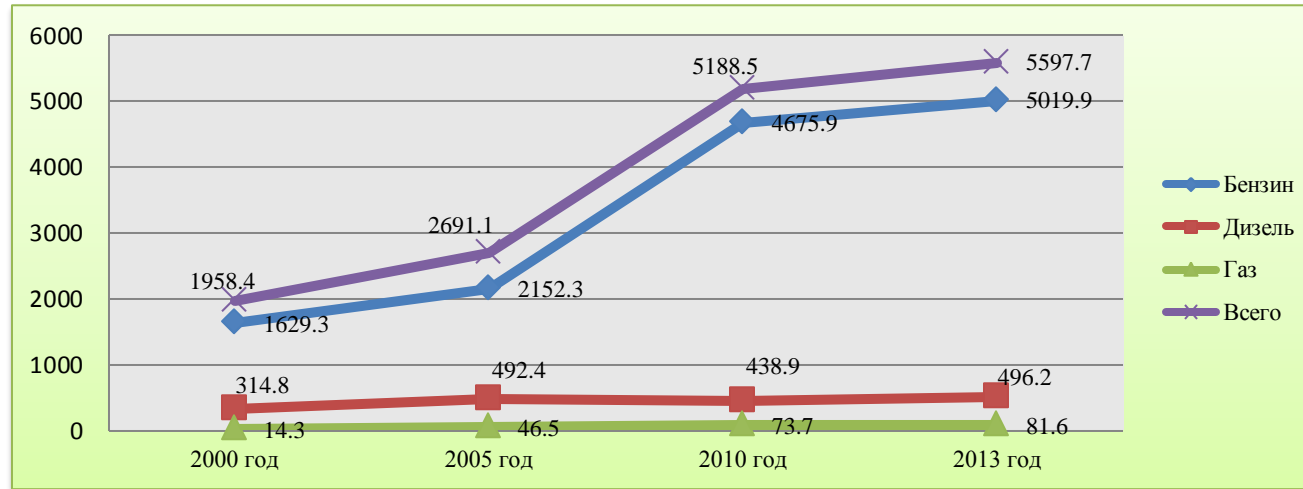


Global Energy Statistical Yearbook, 2015

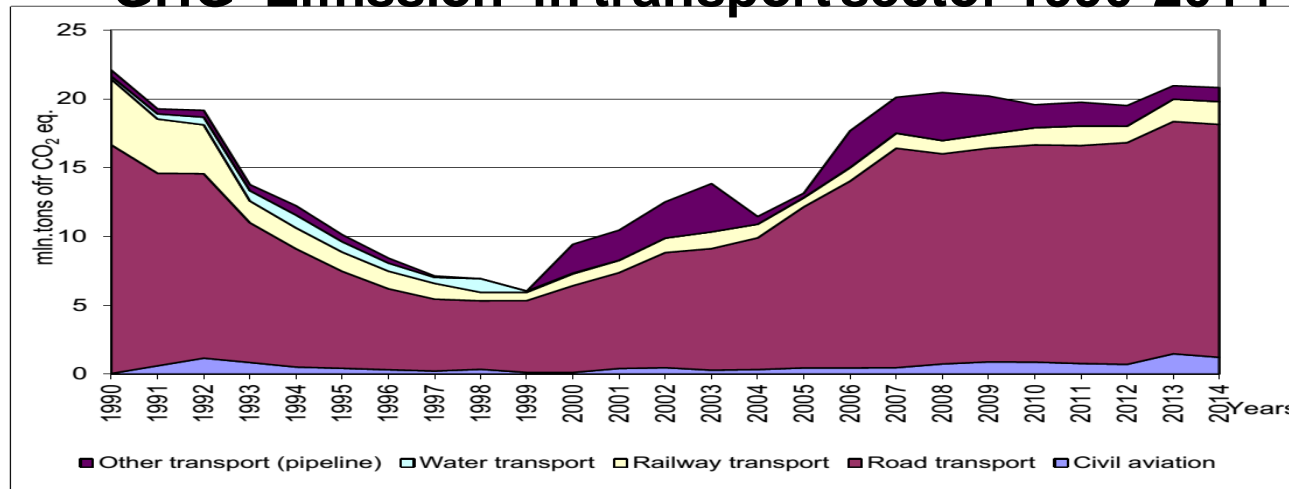
Carbon intensity of GDP of Kazakhstan (CO₂/US \$2005)



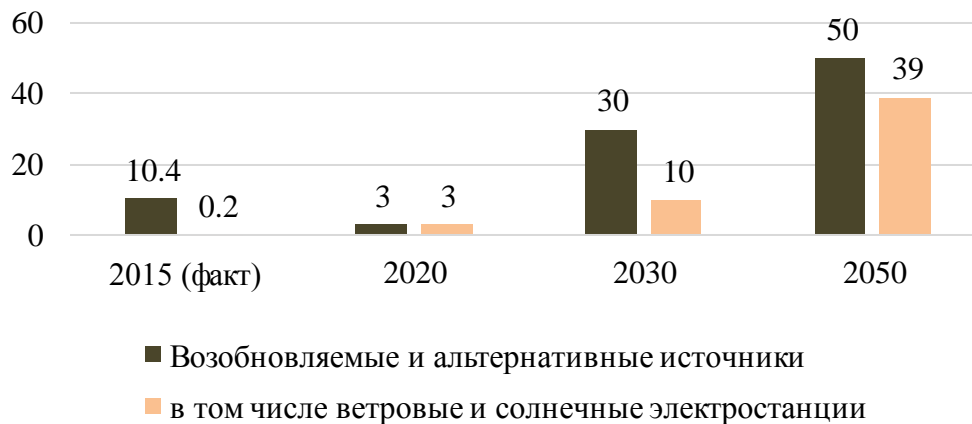
Energy consumption in transport



GHG Emission in transport sector 1990-2014

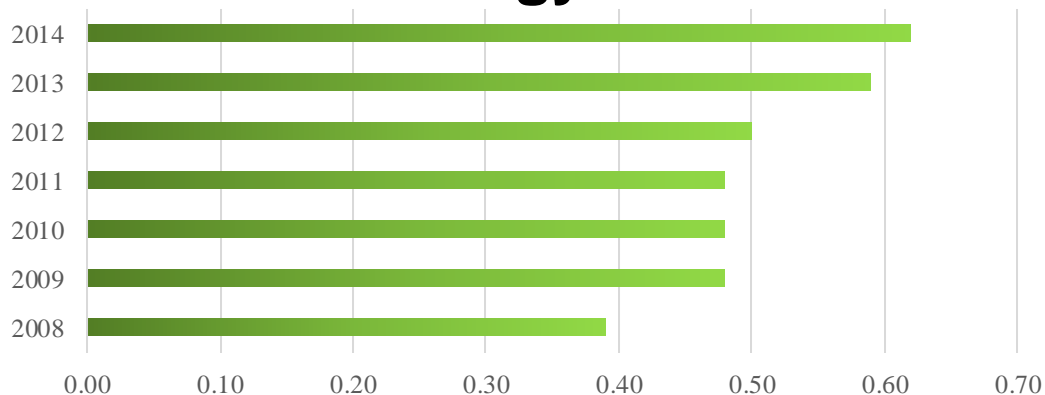


Perspectives of renewables (RES) in Kazakhstan



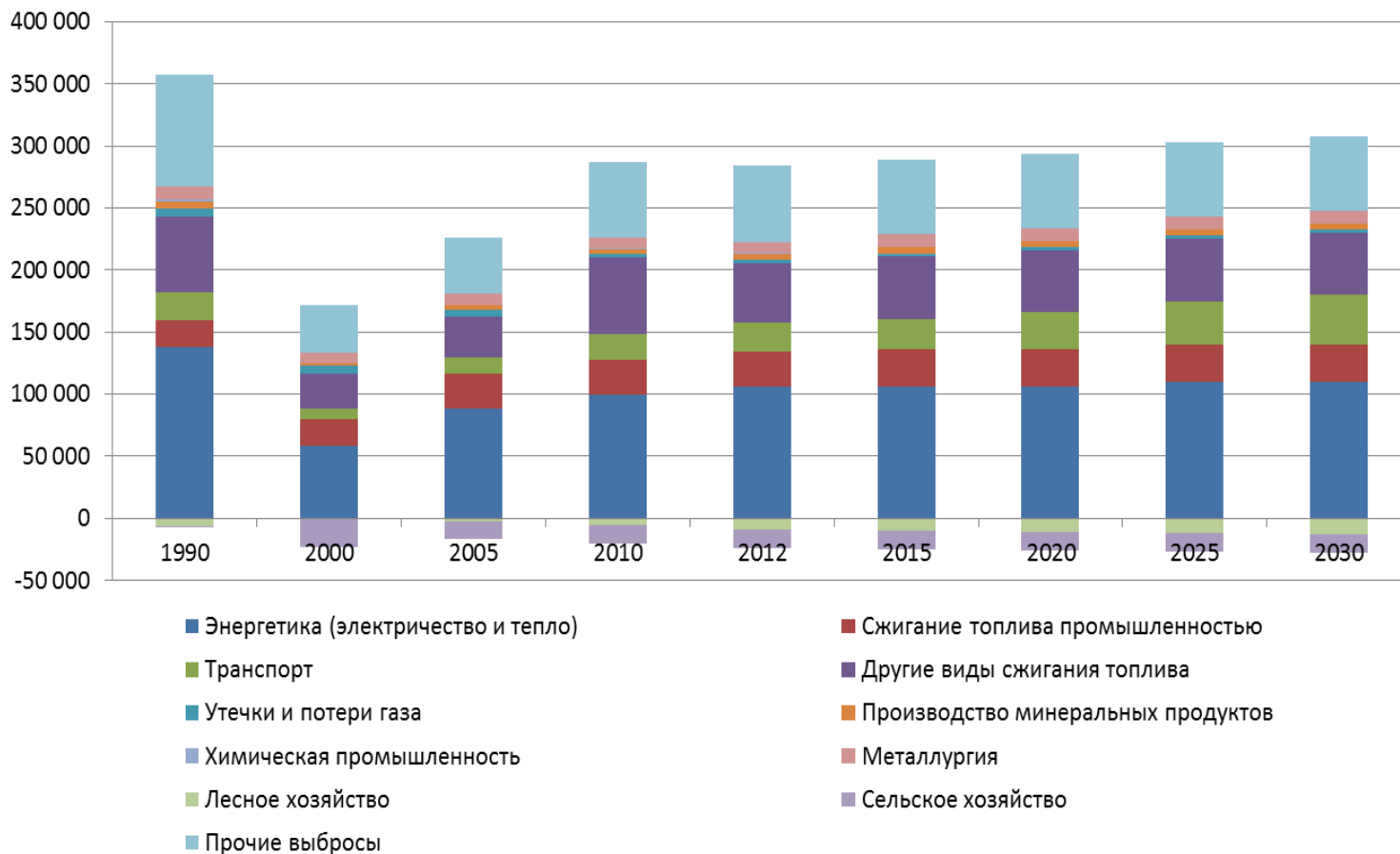
Источник:
 Национальный
 энергетический доклад 2015
 // Kazenergy, 2016

% of RES in energy balance of Kazakhstan



Источник: Составлено по данным
 Министерства энергетики Республики
 Казахстан: Энергетика//
 Министерство энергетики Республики
 Казахстан. -
 URL: <http://energo.gov.kz/index.php?id=10>

Forecast of GHG emission in basic sectors of Kazakhstan's economy till 2030





Development of Low Carbon Strategy till 2030

Energy-efficiency

RES

ETS

- INDUSTRY
 - CONSTRUCTION
 - AGRICULTURE
 - TRANSPORT
- 



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