

# Perspectives of the use of ARES in Azerbaijan for 2015-2020

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**State Agency on Alternative and Renewable  
Energy Sources**

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December 9, 2015  
Azerbaijan, Baku

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# **Introduction**

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- 1. General information on ARES**
- 2. Legal framework**
- 3. Development of ARES**
- 4. Gobustan polygon**
- 5. Samukh agro-energy complex**
- 6. The use of ARES in our lives**
- 7. Future objectives**

# 1. General information on SAARES

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## SAARES as part of the Ministry of Energy

**Date of establishment  
Stuff**

July 16, 2009  
25 person

**SAARES as Central  
Executive Committee**

**Date of establishment  
Stuff**

February 1, 2013  
100 person (currently)

**Activities**

Formation of state policy in ARES sector;  
Formation of an appropriate infrastructure; Use of ARES in the economic sectors; State audit and cadastral; Norm-setting activities; to give special permission; Determination of the connection points

**Institution under  
subordination of SAARES**

“Azalternativenerji” LLC

Other

-Gobustan polygon  
-Monitoring center

## **2. Legal framework**

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### **Renewable energy-related laws, decrees, regulations**

- 1. State program on Use of Alternative and Renewable energy Sources  
#462, 21.10.2004**
- 2. Decrees of the Cabinet of Ministers #187, 15.10.2005**
- 3. Decrees of the Cabinet of Ministers "Rules for use of electrical energy "  
#18, 02.02.2005**
- 4. The law on electricity and thermal power plants**
- 5. Law on electro energetics**
- 6. Tariffs for renewable energy**
- 7. Establishment of State Agency**
- 8. Decisions of the Cabinet of Ministers #112, 25.04.2014**
- 9. Decisions of the Cabinet of Ministers #95, 2.05.2010**
- 10. State Strategy #1958, 29.12.2011**

# **State Strategy on Alternative and Renewable Energy Sources**

- Provide regulatory and legal framework for sectors;
- The main courses for electrical and thermal energy generation;
- Stimulatory activities;
- Use of ARES in economic sectors;
- Development of human resources and application of new technologies;

### **3. Development of ARES**

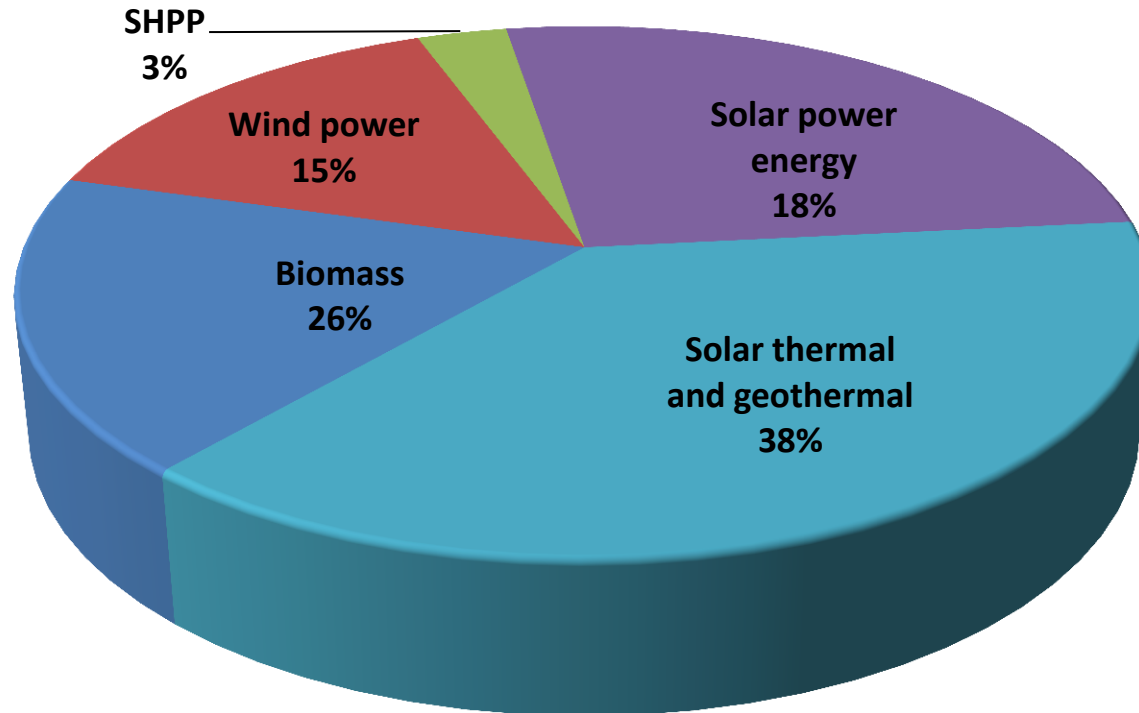
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#### **Renewable Energy Projects in Azerbaijan (2009-2015)**

<b>Renewable energy sources</b>	<b>Capacity mVt</b>
<b>Wind</b>	<b>~ 67</b>
<b>Solar</b>	<b>~ 29</b>
<b>Hydro</b>	<b>~ 103</b>
<b>Bioenergy</b>	<b>~ 2</b>
<b>Waste processing</b>	<b>~ 45</b>

### 3. Development of ARES (2020)

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## 4. ARES projects

### Projects implemented by SAARES (2010-2015)

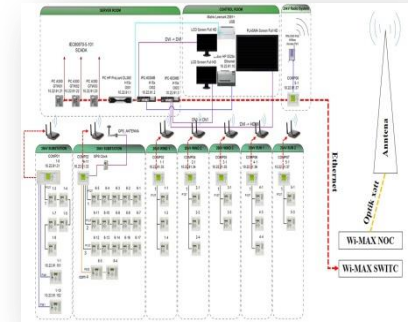
#### Social buildings



#### Gobustan polygon



#### Gobustan «smart grid»



#### Samukh agro-energy complex



#### Solar Farm



#### Wind farm





## 4. SAARES projects 2015

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### SPP



**Suraxanı 2,8 MW**

**Pirallahi 2,8 MW**

**Sahil 3,0 MW**

**Sangachal 9,0 MW**

**Sumgait 2,8 MW**

**Nakhchivan AR 20 MW**

### WPP



**Xizi Yeni Yashma ~ 50 MW**

**Xizi Sitalchay ~ 3,6 MW**

**Xizi Shurabad ~ 52,8MW**

**Absheron ~ 80 MW**

**Pirallahi Wind Farm ~ 200 MW**

## 4. SAARES projects

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Surakhani SPP



Gobustan HPP



Masalli gym



6 school and 6  
kindergarten

## 5. Gobustan polygon

**Hybrid Power Plants 5,5 MW**

**90 km from Baku**

**Wind 2.7 MW**

**Solar 1.8 MW**

**Bioenergy 1.0 MW**



# 6. Samukh agro-energy complex

Agro-energy complex

Samukh region

Solar 20 MW

Bioenergy 8 MW

Geothermal 3 MW



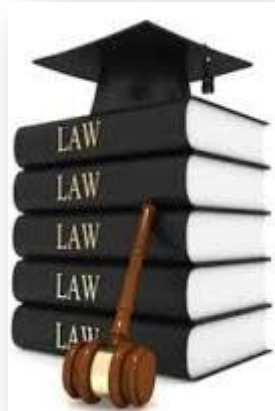
# 7, Use of ARES in our lives

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## 8. Future objectives

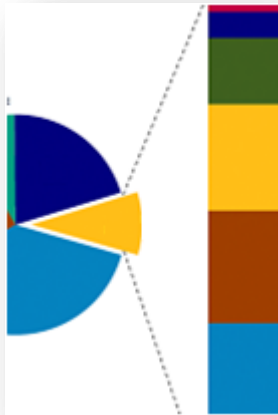
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**Improvement of  
legislation**



**ARES application  
in all economy  
sectors**



**Increasing the  
share of ARES**



**Development  
of stimulatory  
activities**

**Thanks for your attention!**

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