CLIMATE CHANGE & DISASTER RISK REDUCTION SNAPSHOT

Bosnia and Herzegovina

Key Facts

In **2011**, every citizen of Bosnia and Herzegovina emitted on average **8.2 tCO₂**

which is higher **†** than the world average of **4.98 tCO**₂

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Population: 3.824 Million

Surface Area: 51,000 km²

Capital City: Sarajevo

GDP(2014): \$18.3 Billion

GDP p.C.(2014): \$4,805.24

HDI(2013): 0.731 (86)

Intended Nationally Determined Contribution (INDC)

Type: Emissions reduction relative to a BAU baseline (economy wide)

Unconditional - compared to the BAU scenario 2% by 2030, means 18% higher emissions compared to 1990.

International support would result in emission reduction of 3% compared to 1990, compared to the BAU scenario a possible reduction of 23 %

Energy Consumption & Intensity

Energy intensity in 2011 in mega joule per 2011 PPP: 2012 1,144 petajoules of cumulative energy consumption was AVOIDED 2011

Increase in primary energy intensity in 2012 compared to 2010

+1.44 %

-1.74%

UN DP

Resilient nations.

CLIMATE CHANGE MITIGATION

GHG Emissions by Sector over Time





In **2011**, the energy sector was responsible for **75%** of all GHG emissions.

Coal reserves 2,853 million tonnes



Waste

One tonne of total supplied energy causes 3.18 tonnes CO_2 emissions.

Compared to 1.99 world average and 2.38 regional average.

GHG Emissions Scenarios

S3 (comprehensive implementation of actions)



GHG Emissions by Type



CLIMATE CHANGE ADAPTATION & DISASTER RISK REDUCTION



Interventions for 2015-2030

Priorities for BiH



INFORM 2016 Index Global risk assessment for humanitarian crises and disasters

	Hazard & Exposure	Vulnerability	Lack of coping capacities	Country rating
Global average	3,3	3,6	4,7	87 out of 194
Regional average	3,6	2,9	4,4	7 out of 18
Country	2,3	4,7	4,6 🚹	

Future Climate Projections

Climate models predict a 2°-4° C increase in average annual temperatures over the remainder of this century with summer temperatures rising by as much as 4.8°C

Average annual temperature change in °C

2001-2030 1



2071-2100

ent years

Average annual precipitation change in %



*Source: Second National Communication, A1B scenario.

FURTHER INFORMATION

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World Energy Council, 2013. "World Energy Resources: Coal".

Policies and Strategies

Climate Change Adaptation and Low Emission Development Strategy

National Action Plan on Adaptation (under development) National Energy Efficiency Action Plan (under development) National Renewable Energy Action Plan (under development) Environment related strategies in FBiH and RS

UNDP's Climate Change and DRR related Interventions

DRR Initiative / Building Disaster Resilience in BiH Housing Risk Assessment Study Landslides mitigation Flood Recovery and Risk Mitigation EU Floods Recovery Programme MTS – DRR training, legal framework review and DRR mainstreaming in local and cantonal development strategies RHDR Biomass energy for employment and energy security

Technology transfer for climate resilient flood management in Vrbas River Basin Green Economic Development



For more information, visit: http://www.eurasia.undp.org/

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December, 2015

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