

Third
ENERGYSUMMIT
in Bosnia and Herzegovina



USAID
FROM THE AMERICAN PEOPLE



Implemented by
giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



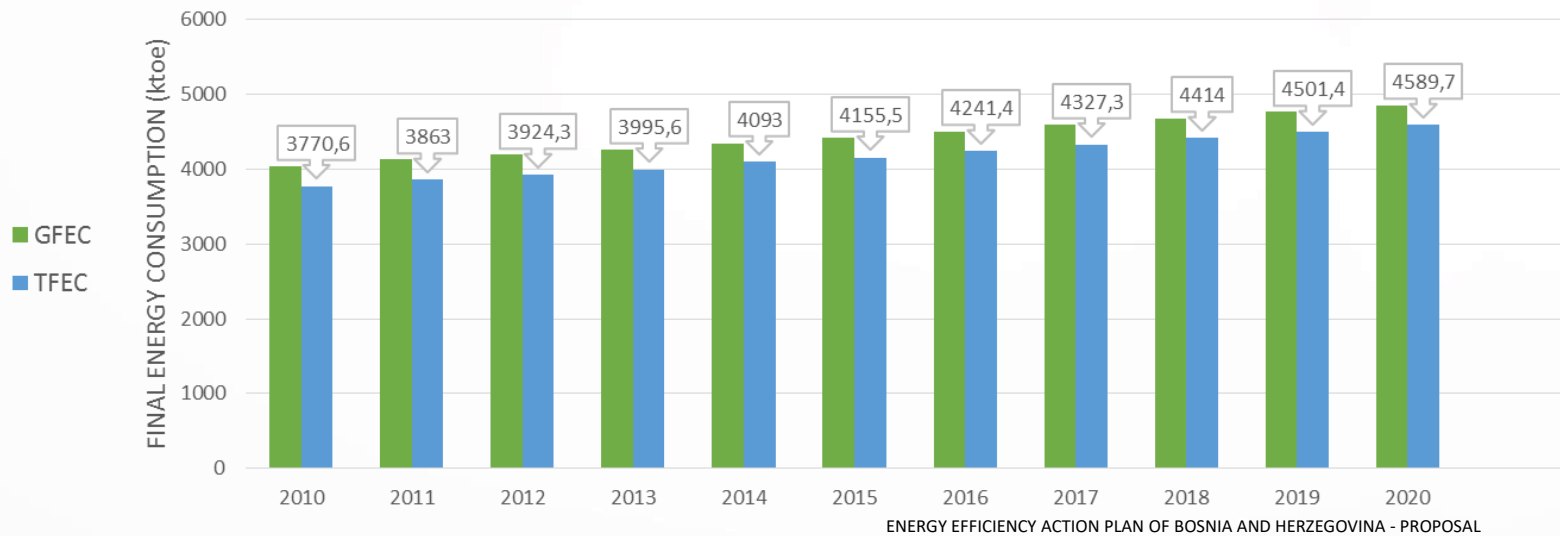
Empowered lives.
Resilient nations.

Energy Efficiency Potential in Bosnia and Herzegovina

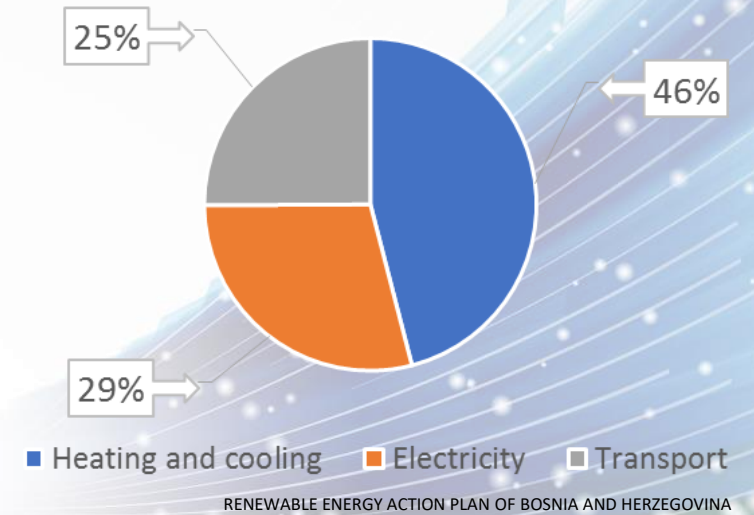
5 billion KM

ENERGY EFFICIENCY POTENTIAL

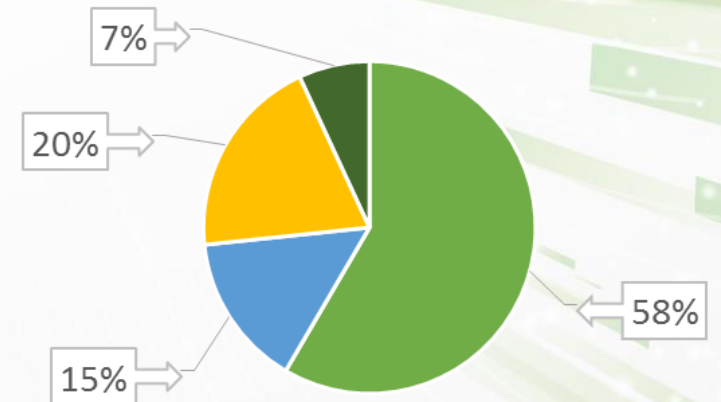
FINAL ENERGY TRAJECTORY - Bosnia and Herzegovina



GFEC structure - 2020 projection



TFEC baseline structure



■ Residential ■ Commercial and services ■ Industry ■ Transport

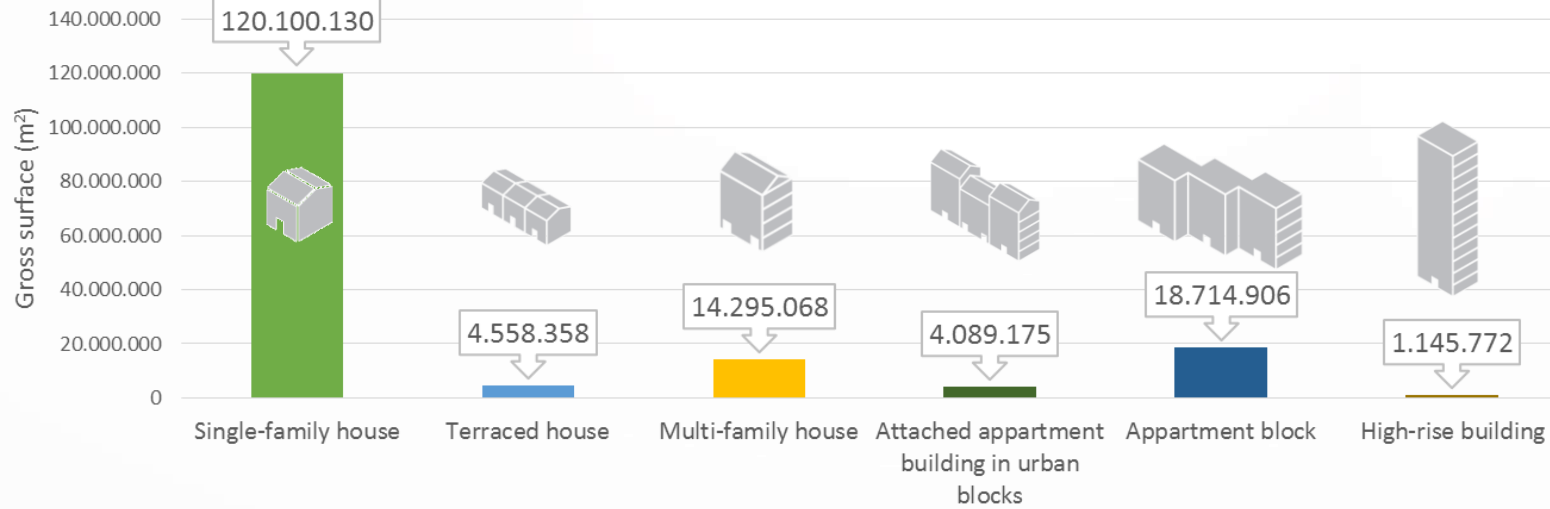
ENERGY EFFICIENCY ACTION PLAN OF BOSNIA AND HERZEGOVINA - PROPOSAL

ENERGY EFFICIENCY POTENTIAL

RESIDENTIAL BUILDINGS

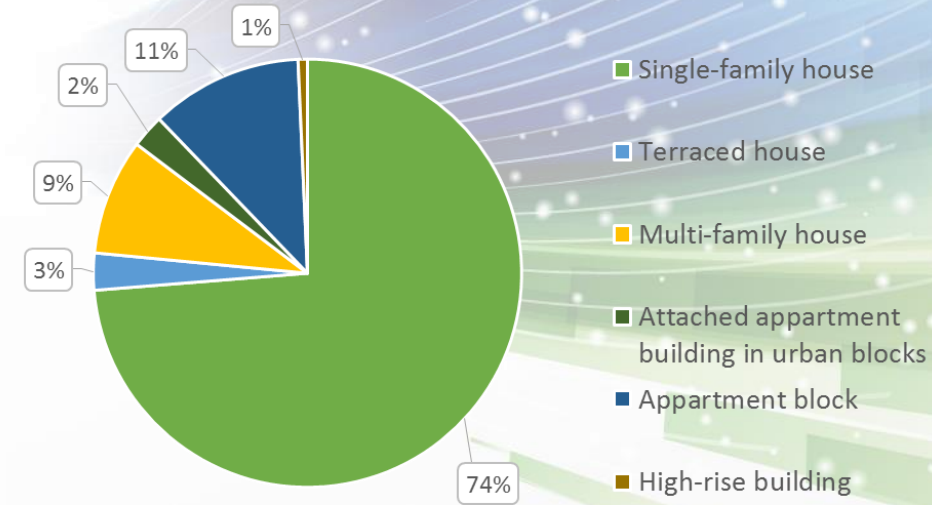
TOTAL: 163 M m²

GROSS SURFACE OF RESIDENTIAL BUILDINGS IN BIH PER TYPE



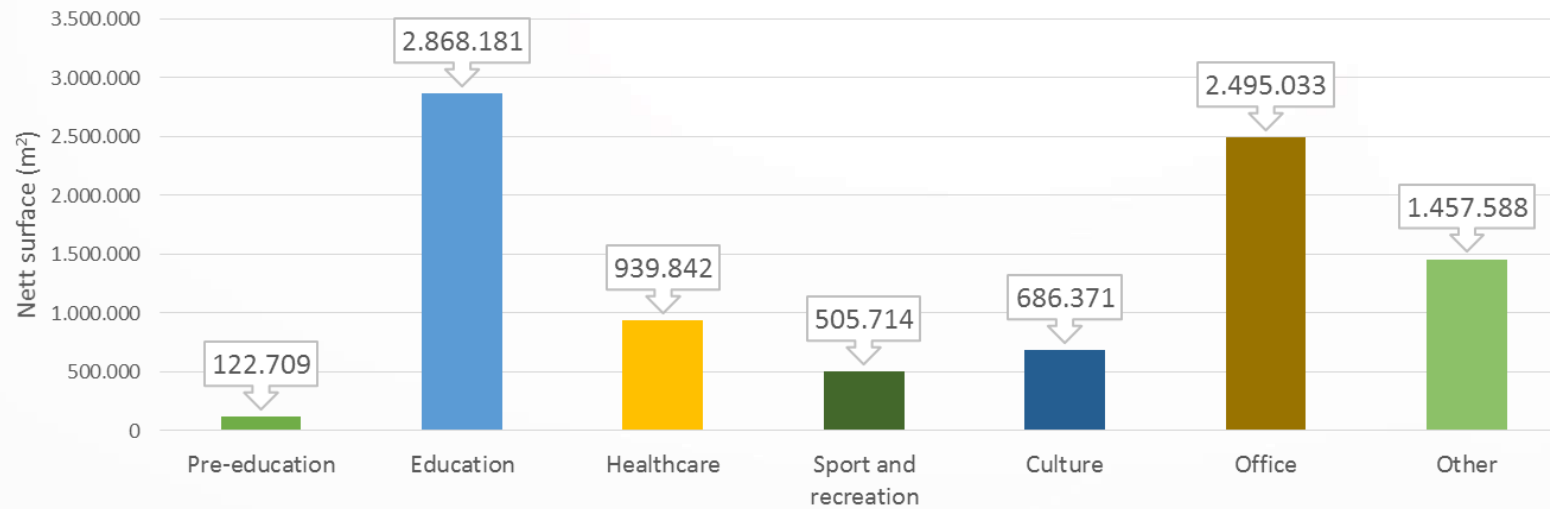
RESIDENTIAL BUILDINGS TYPOLOGY IN BOSNIA AND HERZEGOVINA

Residential buildings stock structure in BiH



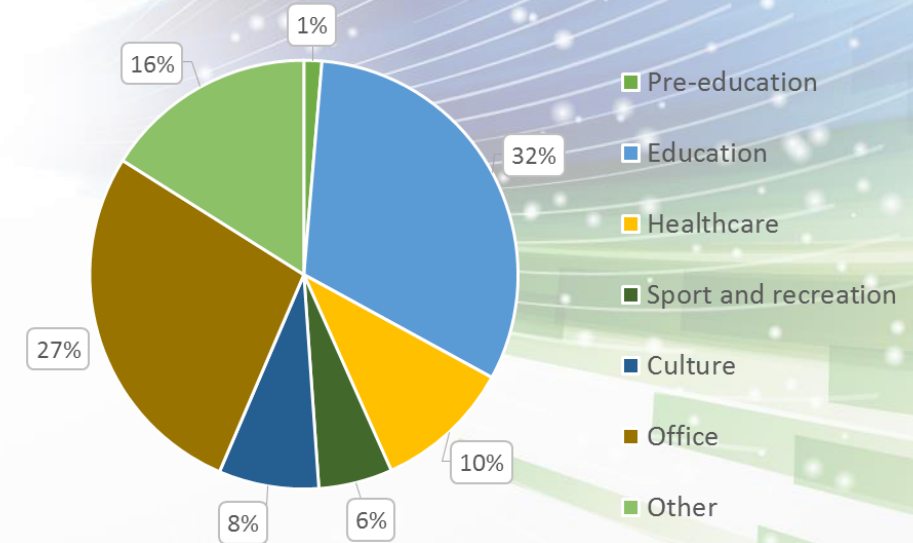
RESIDENTIAL BUILDINGS TYPOLOGY IN BOSNIA AND HERZEGOVINA

NETT SURFACE OF PUBLIC BUILDINGS IN BIH PER TYPE



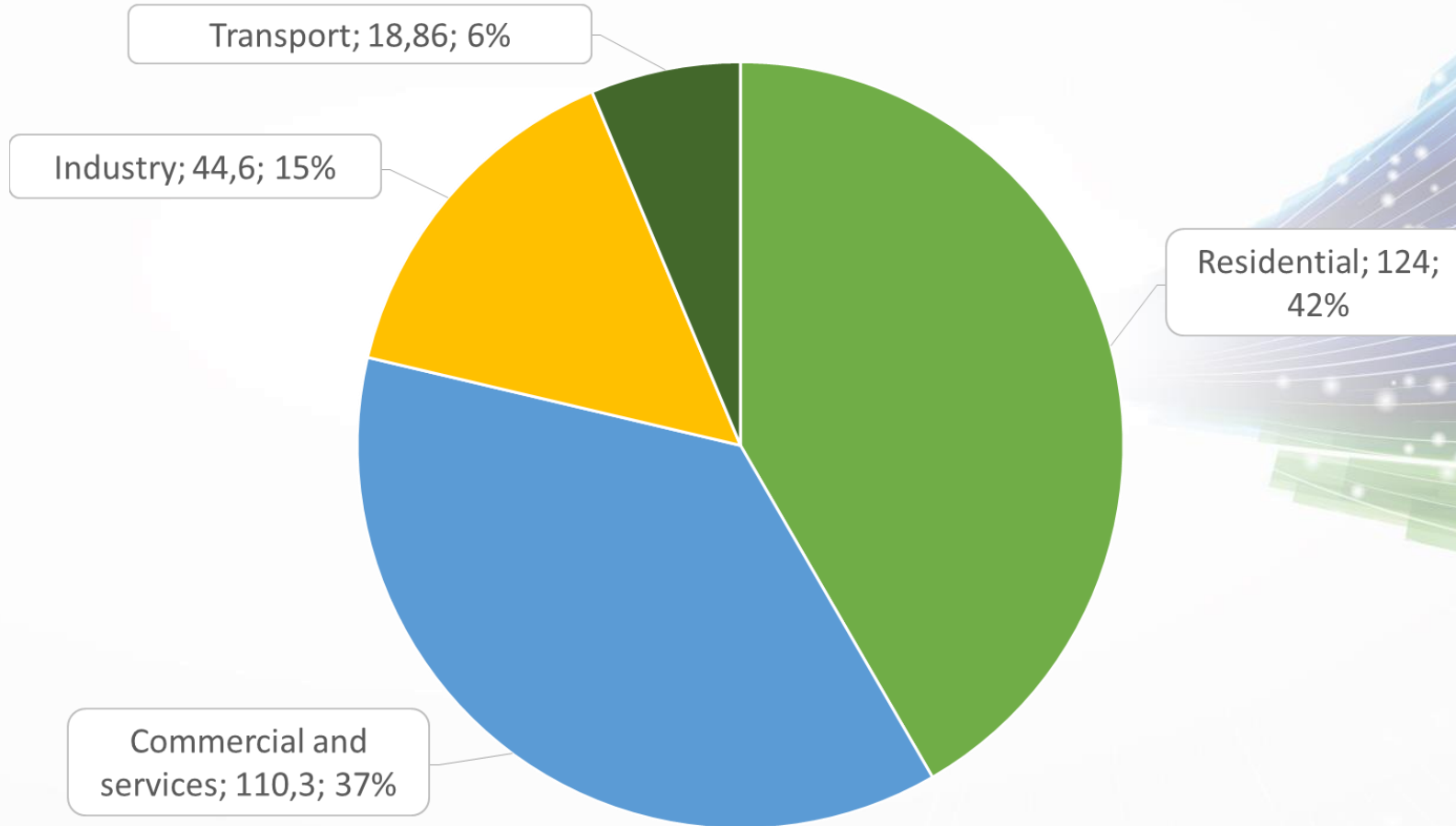
PUBLIC BUILDINGS TYPOLOGY IN BOSNIA AND HERZEGOVINA

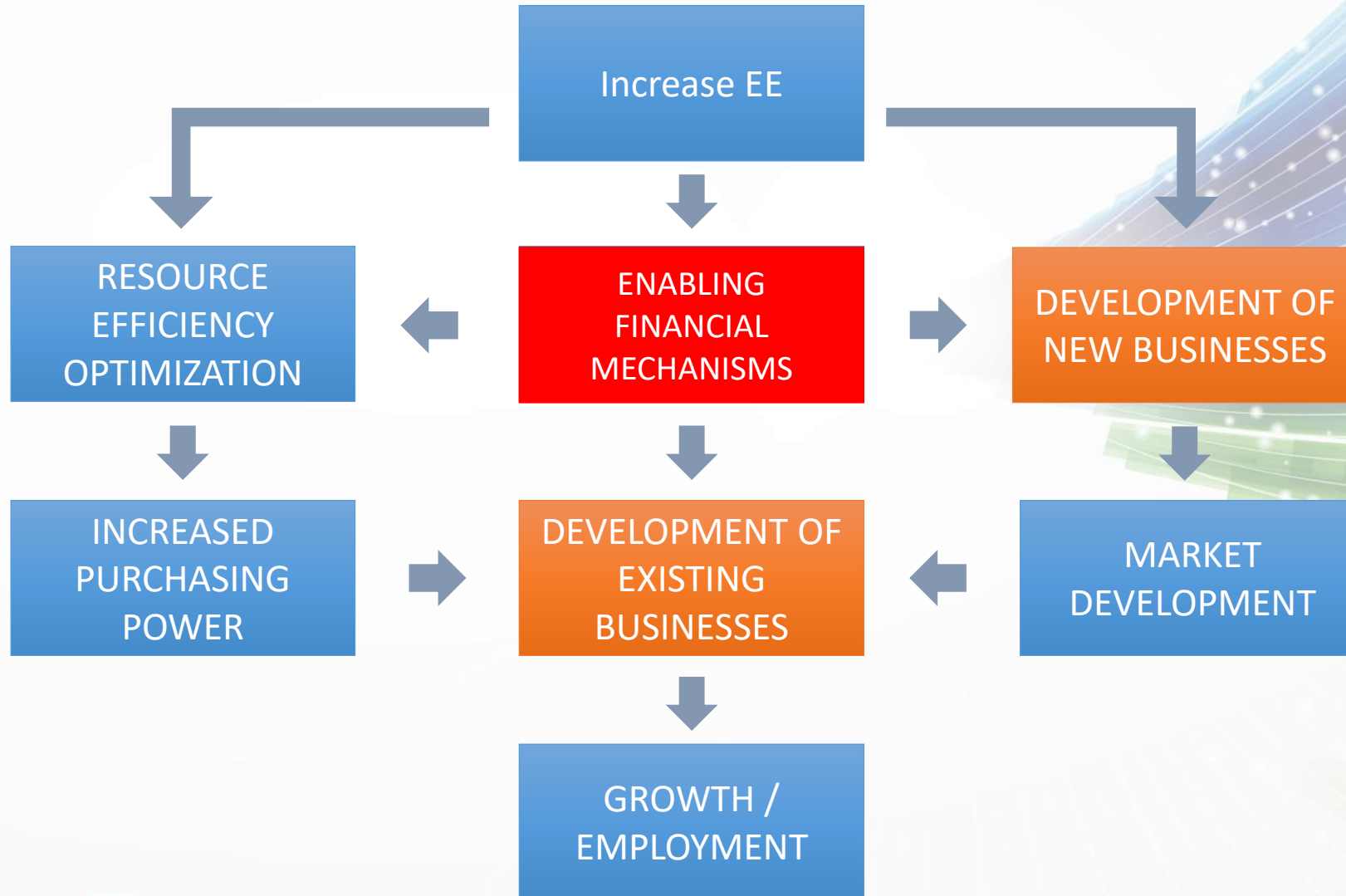
Public buildings stock structure in BiH



PUBLIC BUILDINGS TYPOLOGY IN BOSNIA AND HERZEGOVINA

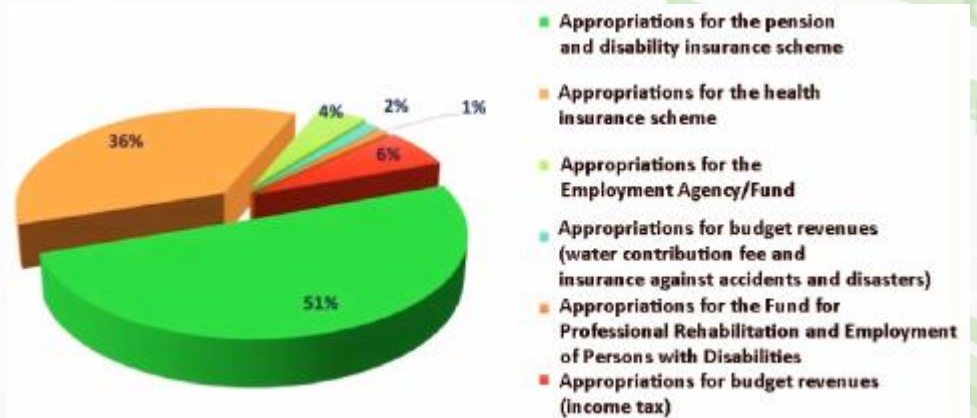
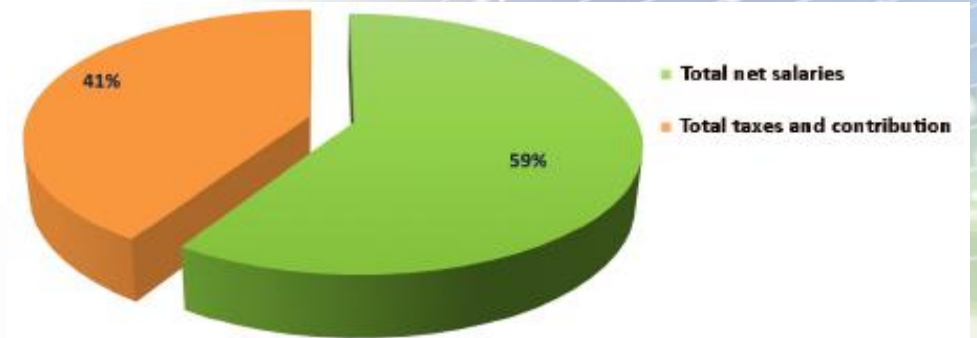
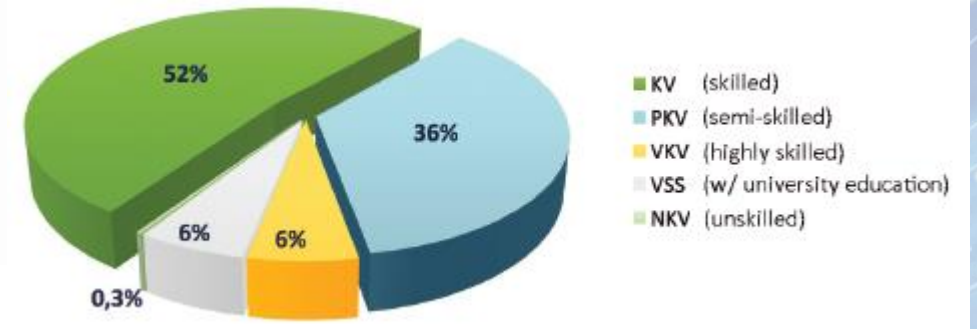
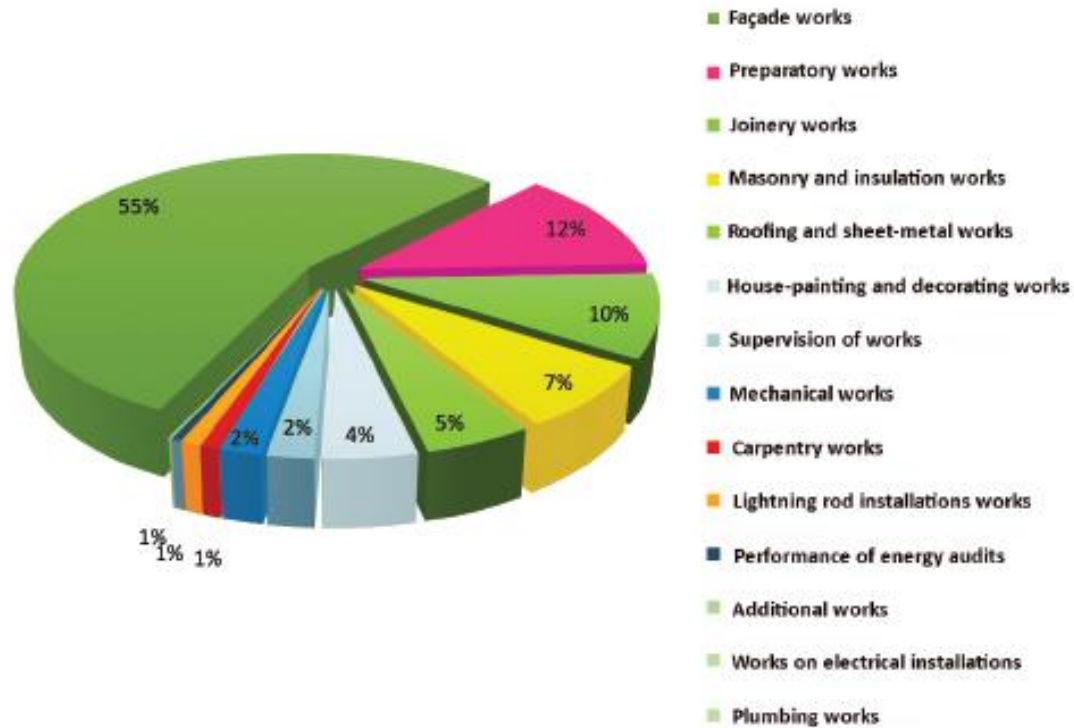
FINAL ENERGY SAVING TARGET: 300 KTOE
PERIOD: 2010 - 2018



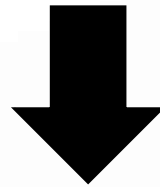


What are the effects of investing 1m € into EE measures in public sector buildings?

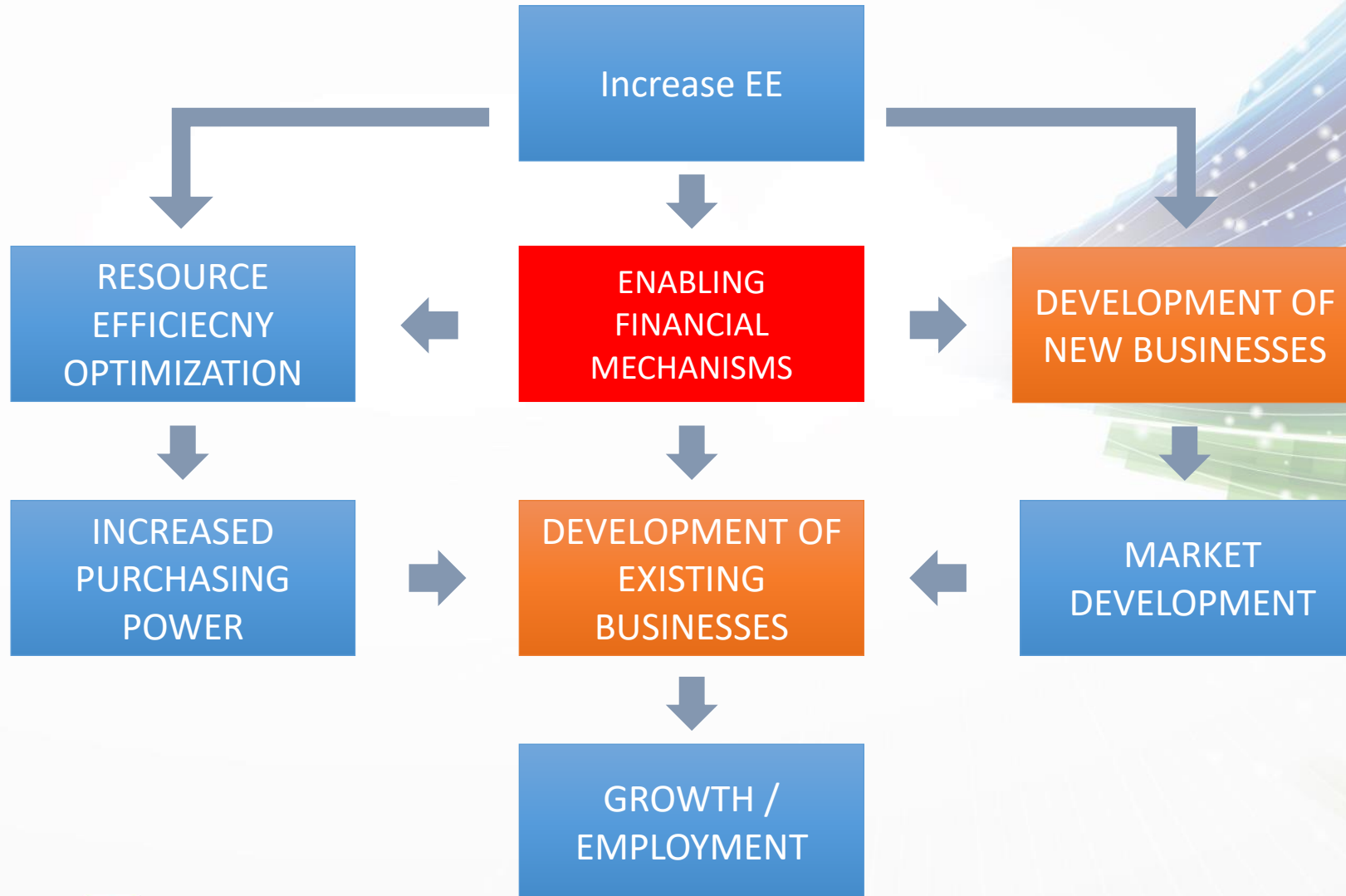
DEVELOPMENT POTENTIAL



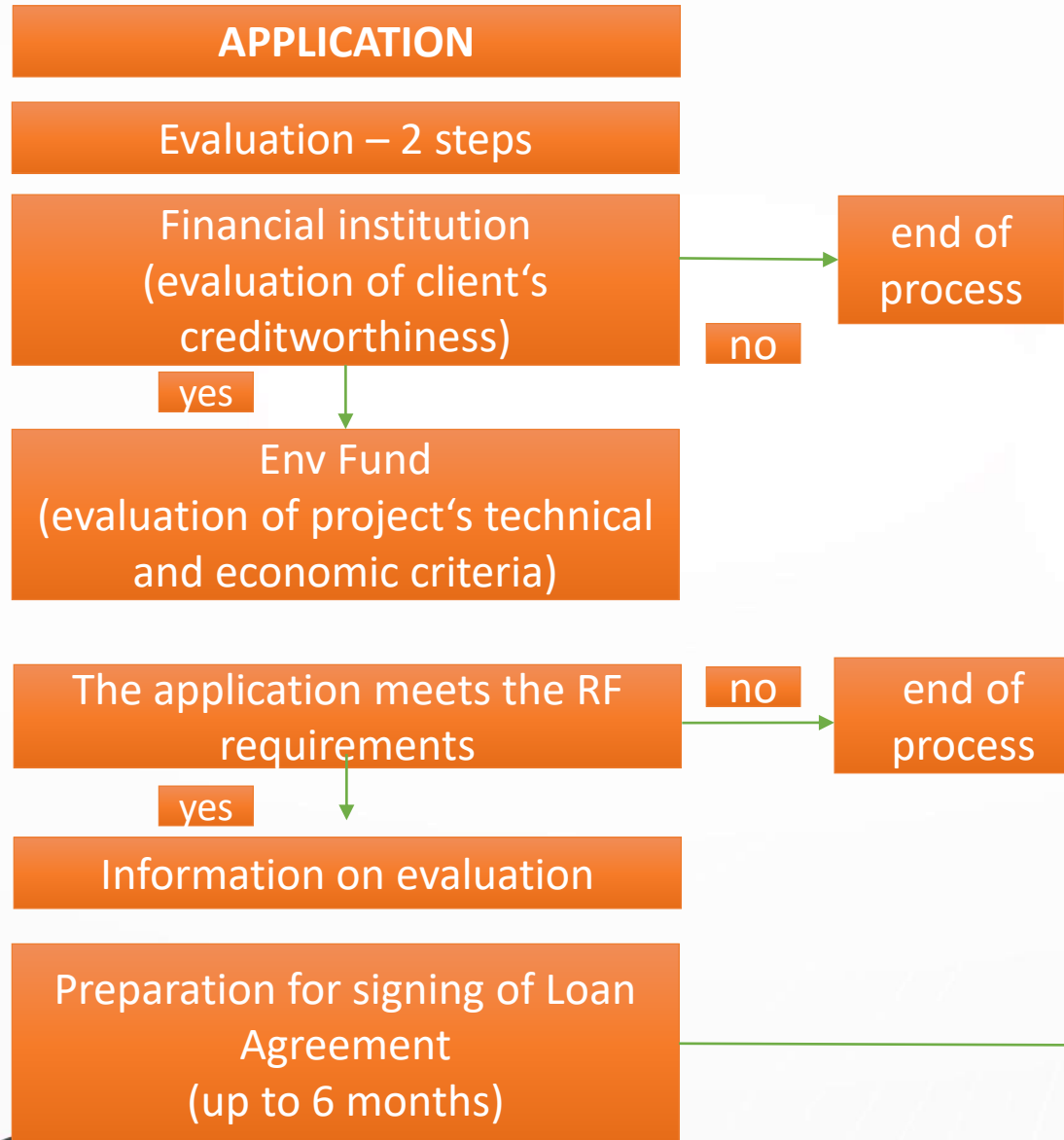
1m € of investments into EE measures in public sector buildings



98 full-time equivalent (annual) jobs
(excluding indirect generated employment)



- Energy Efficiency Revolving Fund in Env Fund of FBiH, 2016
- Soft loans for co-financing EE investments in FBiH; Debt repayed via EE generated savings
- Supported types of EE projects:
 - EE in public and residential sector
 - EE in industrial processes
 - EE within existing energy generating units and primary distribution systems
 - Renewable energy sources as EE measures
 - Public lighting system



LOAN AGREEMENT DURATION

- Reporting on energy savings
- Repayment of EE loan

IMPLEMENTATION PERIOD

- 12 months grace period for implementation of EE project - repayment of interests
- Project funded based on financial tranches in accordance with documented impl of project phases

LOAN AGREEMENT SIGNED
between Client and Financial Institution

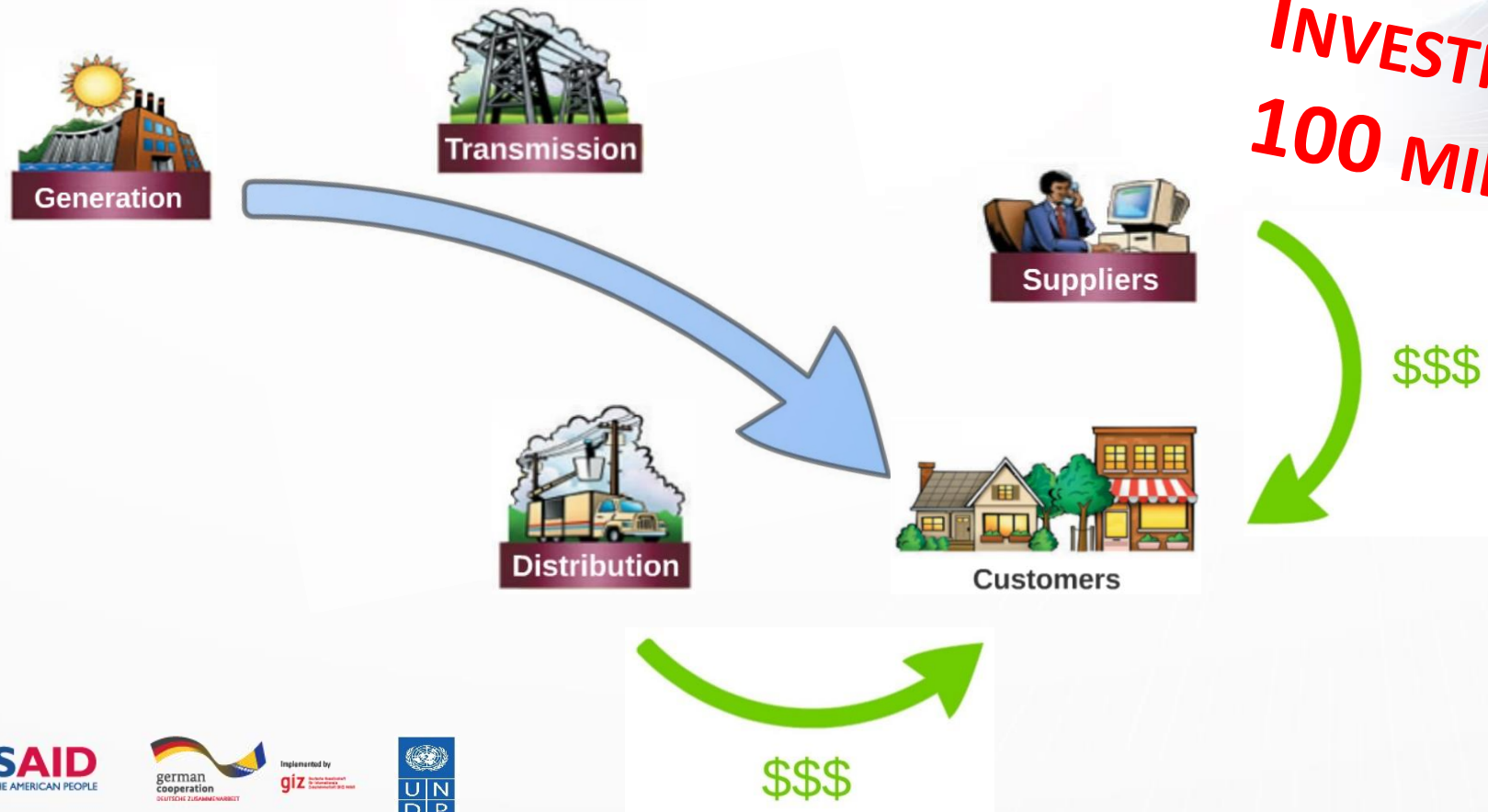
- Current Energy Efficiency Revolving Fund investment potential in FBiH and RS amounts **15.000.000 BAM**
- Expected to increase with new environmental legislation in place

EE RF investment potential depends on:

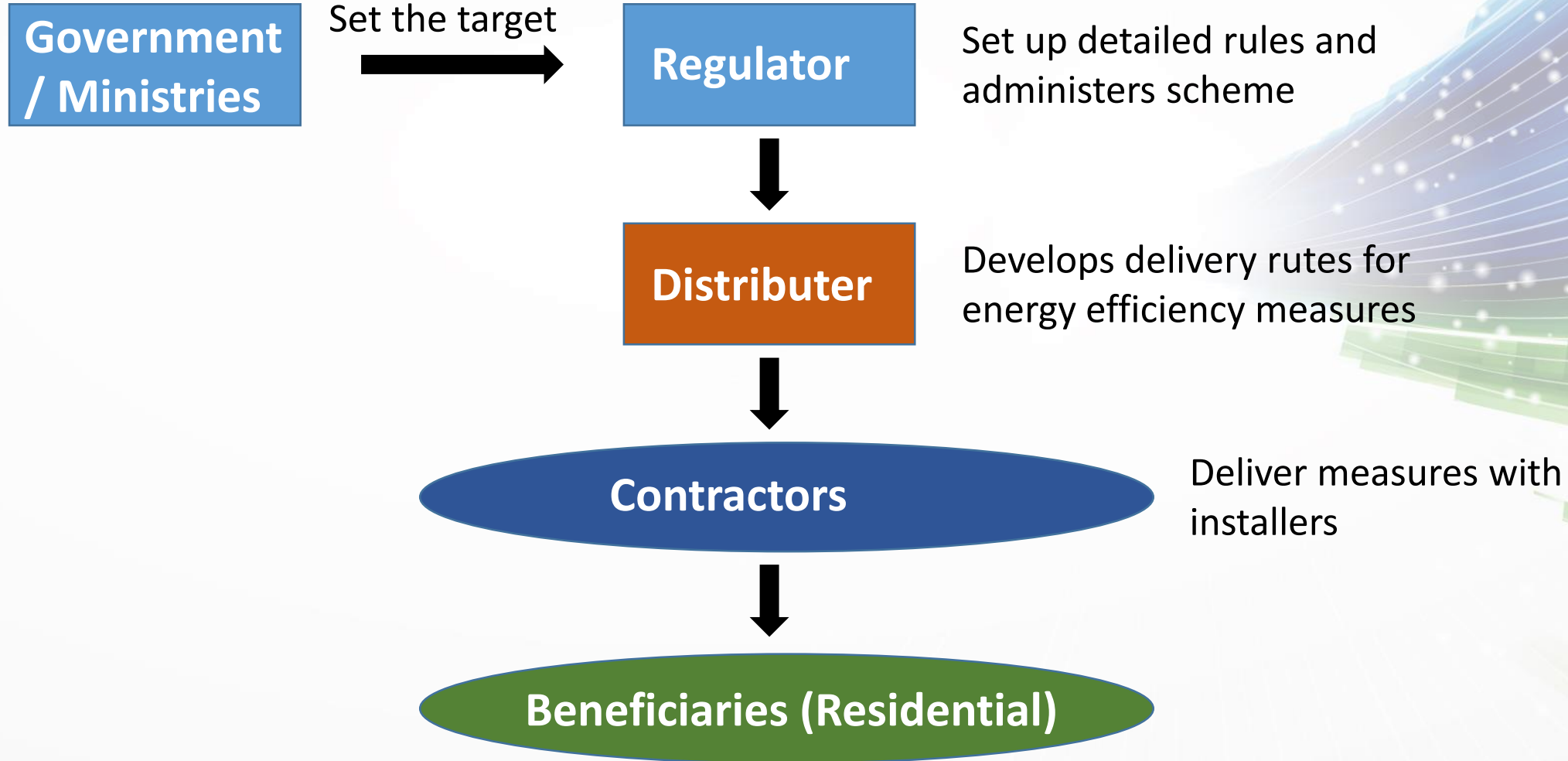
- Polluter pays mechanism in FBiH/RS
- Env Fund's ability to absorb funds from dev. FI, IFIs, financial funds
- Strategic decision making within governments in BiH

ENERGY EFFICIENCY OBLIGATION SCHEMES

Distributors and/or suppliers are obligated to achieve energy savings by investing in their end-users' energy efficiency measures



ENERGY EFFICIENCY OBLIGATION SCHEMES



THANK YOU FOR YOUR ATTENTION !

Goran Krstović

Project Leader
Promotion of Energy Efficiency in Bosnia and Herzegovina
Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH
Ferhadija 19/II
71000 Sarajevo
Bosnia and Herzegovina
T +387 (0) 33 204-895
F +387 (0) 33 209-858
M +387 (0) 61 174-091
E goran.krstovic@giz.de
I www.giz.de



Mak Kamenica

Deputy Chief of Party/Zamjenik direktora
USAID Energy Investment Activity - EIA Project
Gajev trg 2, Sarajevo, BiH
Phone/Telefon: +387 33 251 820
Fax: +387 33 251 829
Cell/Mobitel: +387 61 323 300
mkamenica@usaideia.ba
www.usaideia.ba



Sanjin Avdić

Sector Leader – Energy & Environment
Tel. (+387) 33 293 487
Fax. (+387) 33 552 330
Cell. (+387) 62 334 096
Mail: sanjin.avdic@undp.org
Skype: sanjinavdic
UN House
Zmaja od Bosne bb, Sarajevo
Bosnia-Herzegovina
www.ba.undp.org

