



AYEP SUSTAINABLE ENERGY DEVELOPMENT AGENCY BULGARIA



The modelling cooperation case

Tsvetomira Kulevska
DG “Coordination and Management of EE and RES”
SEDA



Current “modelling”



EED Art. 3:

Reference PRIMES' scenario for Bulgaria with addition of our own estimations based on “bottom-up” evaluations for additional to the scenario savings



EED Art. 7

EED Art. 24 – NEEAP and reporting



We have a dream...

What?

- ✓ EU-related action plans and planning (NREAP, NEEAP, Monitoring mechanism, energy efficiency, renewable energy share)
- ✓ Evaluation of national energy policy measures
- ✓ Technology evaluation
- ✓ Other?

The tool?

TIMES



TIMES (The Integrated MARKAL-EFOM System) model generator

- ✓ In-depth energy analyses
- ✓ Technical engineering approach and an economic approach
- ✓ Bottom-up model generator
- ✓ Functionality and outputs

How?

Resources are needed

- ✓ Financial resources
- ✓ Main resource – Experts and knowledge!

If you can't *fly* then
run. If you can't *run*,
then *walk*. If you
can't *walk* then
crawl, but whatever
you do you have to
***keep moving
forward.***

~Martin Luther King



Step by step - Financing

Support for capacity building of the SEDA project: “Sustainable energy development of the BG enterprises through support for the activities of the SEDA”



Grant provided by: Operational Program „Innovation & Competitiveness” 2014-2020

Part of the implementation of the EU structural and investment funds (ESIF) in Bulgaria.

The expected contribution of this support is improved coordination and synergy of the measures in the field of energy efficiency.

Eligible activities: several activities directly linked to SEDA's services, including:

- ✓TIMES model for Bulgaria;
- ✓Training of SEDA's experts in the TIMES model operation.





Step by step – The training

SEDA – Austrian Energy Agency cooperation

- 👍 More than 10 years
- 👍 Regular experts meetings – twice per year
- 👍 Knowledge and best practices exchange – EED, EPBD, RES, etc.
- 👍 Site visits in Austria and Bulgaria



TIMES Workshop - June 2017 in Sofia

The TIMES model generator – introduction

The Austrian TIMES Model - Main features and applications

Possibilities - TIMES Model for Bulgaria

- Possible Applications
- Structure of a Bulgarian TIMES-Model
- Required Resources
- Institutional Setting
- Data Sources

Future Plans:

Project development, Detailed description of the activities and outcomes,

Detailed time-line, Public procurements, many others.

Possible partner for the implementation – AEA?

Starting date for SEDA's project –
end of 2018-beginning of 2019

Keep your fingers crossed!



Sustainable Energy Development Agency

Tel: +359 2 915 40 41

Fax: +359 2 981 58 02

E-mail: kulevska@seea.government.bg

Web: www.seea.government.bg