



Stromspar-Check
It's simple; fast;
efficient! Count me in!



Combating energy poverty and activating long-term unemployed

Laura Düpre for Caritas Germany,
National Project "Stromspar-Check Kommunal"

Warsaw, January 30th, 2018

A joint campaign of:



Supported by:



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety



based on a decision of the German Bundestag

- Energy Poverty in Germany
- Energy-Saving-Check in Cooperation with Local Authorities
 - Summary
 - Facts and figures
 - Labour market reintegration
- Demands and Conclusions

Energy poverty in Germany

- In Germany **7,8 Million** people receive social welfare benefits
- Energy debts become relevant to an increasing number of people through rising energy prices
- In 2014 **350,000*** households in Germany were hit by power cut-offs
- Energy cut-offs intensify poverty and **social isolation**

* Bundesnetzagentur, as of Jan 17th 2017

Energy-Saving-Check in Cooperation with Local Authorities – Households with low incomes for climate protection

- Started in 2008 and now takes place from April 2016 until March 2019
- Nationwide project, that helps people with low incomes to reduce their energy consumption and to save money through advisory services and installing free energy saving devices
- Cooperative project of the German Caritas Association (DCV) and the German Federal Association of Energy and Climate Protection Agencies (eaD)
- Part of and funded by the National Climate Initiative of the German Federal Ministry for Environment, Nature Conservation and Nuclear Safety

How the Energy-Saving-Project works



Application

- The low-income household contacts the local project-site to make an appointment



1st appointment

- Check of the equipment
- Check of the bills (if available)
- Assessment of the consumer's behaviour



Evaluation

- Evaluation of the individual data
- Creation of recommendations and the report



2nd appointment

- Free installation of easy to use energy saving devices. Value: 70 € on average
- Handout report and advice on change in behaviour to save further energy and water
- Delivery of a voucher of 150 € for a new A+++ cooling device

Achievements: Facts and Figures

(2008 – 12/2017)

Available in > 150 German cities

> 280.200 checked households

CO₂-reduction: > 480.000 t

Savings per household per year



102 €

- -13%
- 396 kWh
- 232 kg CO₂



41 €

- -12%
- 11,5 m³



11 €

- -8%
- 219 kWh
- 51 kg CO₂



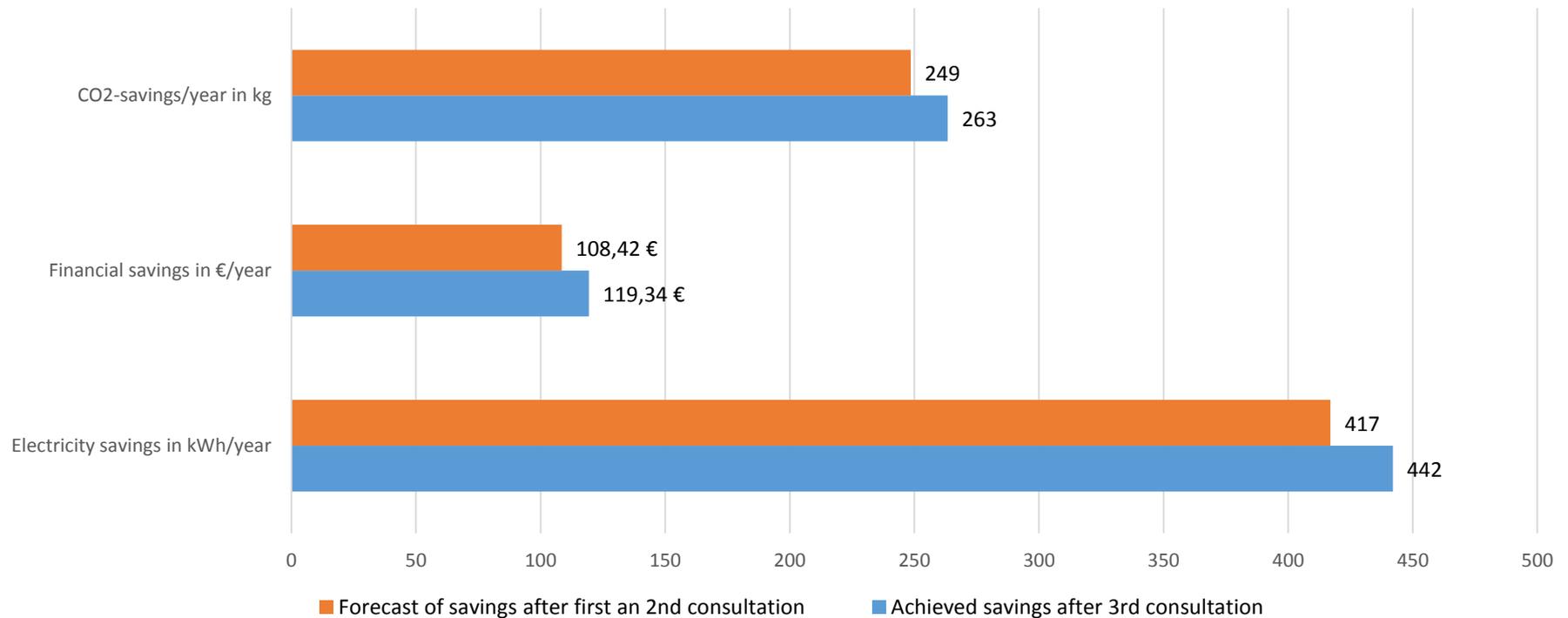
154 €

- 283 kg CO₂

Results Monitoring – Electricity savings

(Status 12/17)

Comparison of forecast and achieved saving after 3rd household consultation, nationwide (4.126 households)



Savings make up **16 %** of the consumption of one year per household (average values)

Achievements: Facts and Figures – savings for public sector

(2008 – 12/2017)



* Savings refer to the lifespan of installed energy saving devices

Energy-Saving-Check Municipal – Fridge Exchange Programme

(Status 12/17)

- 150,- € voucher for low income households to change their old fridge with an A+++ fridge
- Requirements:
 - Old fridge older than ten years
 - The exchange will generate more 200 kWh savings per year
- Results:



Savings/
households
/year

372 kWh

96 €

287 kg CO₂

Long term
savings for
all 7.169
devices

26.251 MWh

6,7 Mio. €

15.646 t CO₂

Qualification of the energy saving advisors

- Preparatory training (40 h)
 - Communication training
 - Software training
 - Safety training and confirmation of electrically instructed person
- Technical training in energy and water techniques (60h)
 - Performed by qualified energy consultants or expert instructors
 - First household visits are accompanied by advanced advisors
 - Regular further trainings
 - Unified and updated training manual

Further specialisation – Service consultant

(State 12/16)

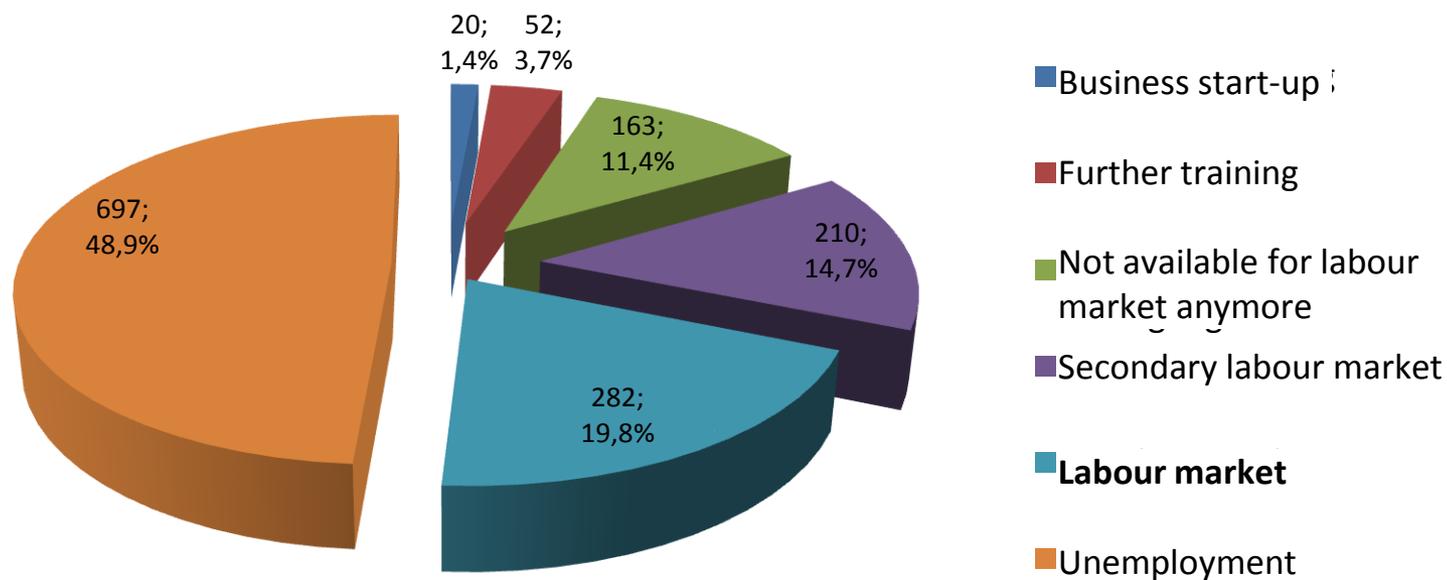
Service consultant for energy and water technique

- Certificated as training examination since 2010, developed and accepted by the Chamber of Crafts in many cities in Germany
- Nationwide over 990 exams
- Advantages of a certificate released by an external organisation:
 - strengthen the self-confidence
 - Enhanced integration into labour market due to the specialised training
 - Improvement of appearance at employers and Job Agencies
 - Enhanced access to further professional training



Statistics for placement rate after participating in Energy-Saving-Check,

observation period: January 1st 2013 until March 31st 2016



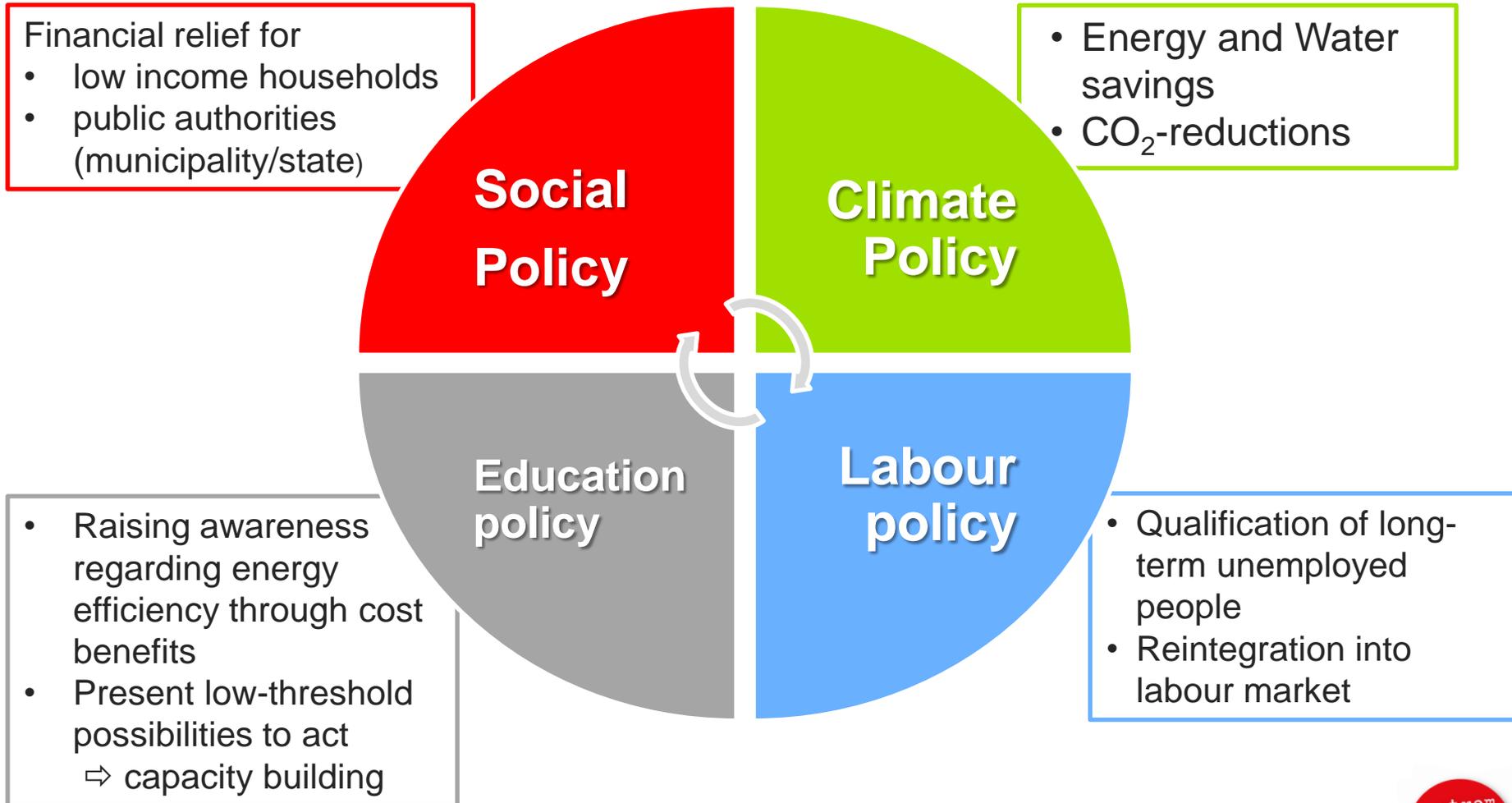
- The diagram shows information of 1.424 participants

Where do we want to go?

- Establish the service of the Energy-Saving-Check as longterm program for households with low-income
- Prevent households from power-cut offs
- Support a socially accepted energy transition
- Give people new jobs in the field of energy efficiency
- **define „Energy Poverty“ to allow better research**
(the database of more than 280.000 households could serve as a sufficient empirical basis)



Energy-Saving-Check addresses challenges in different policy-fields



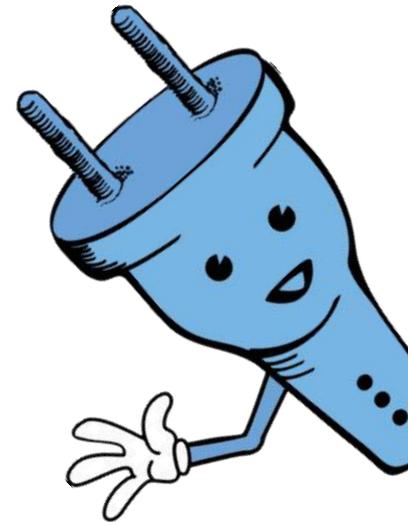
Thank you for your attention!

For further information visit:

www.stromspar-check.de

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NATIONAL CLIMATE INITIATIVE

based on a decision of the German Bundestag

Laura Düpre
laura.duepre@caritas-frankfurt.de

A joint campaign of:



ea^D

Bundesverband der Energie- und Klimaschutzagenturen Deutschlands e.V.

