

EXPERIENCE FEEDBACK FROM AN EVALUATION CUSTOMER

ENERGY EFFICIENCY – ENVIRONMENTAL FUND STATE AID INSTRUMENT

.... addresses investment projects for

Energy saving

Renewables energy production (heating, district heating)

Other environmental purpose

.... from every natural or legal entity

Enterprises, municipalities, private persons ...

.... by investment aid

up to 35% of total investment costs

.... total annual budget

Environmental funds: 70 Mio. EUR

Energy efficiency: ca. 35%

Thermal isolation: ca. 43 Mio. EUR

GOALS OF SUPPORTING

Environmental goals

energy savings, CO₂-reduction, renewable

Economical goals

employment, value added

Budgetary goals (cost efficiency)

cost efficiency, “return on invest”

Organisational goals

customer satisfaction, costs of administration

ENVIRONMENTAL FUNDS SOME FIGURES FROM 2017

2017 Ecological effects	Projects	Investment costs (in EUR)	Aid amount (in EUR)	CO ₂ -Reduction (in t/a)	Energy from renewables (in MWh/a)	Energy savings (in MWh/a)
Energy efficiency	1.635	212.659.132	24.777.204	141.593	18.678	450.735
Renewables	556	133.057.732	17.780.290	171.132	481.238	112.864
Other	2.480	201.637.270	24.495.979	15.725	18.422	50.085
Environmental fund	4.671	547.354.134	67.053.473	328.449	518.337	613.684
Thermal isolation	7.389	307.485.585	33.945.987	38.175	306	130.024
Total	12.060	854.839.719	100.999.460	366.625	518.643	743.709

2017 Economical effects	Projects	Investment costs (in EUR)	Employment (in FTE)	added value (in EUR)
Environmental fund	4.671	547.354.134	4.400	360.000.000
Thermal isolation	7.389	307.485.585	3.600	210.000.000
Total	12.060	854.839.719	8.000	570.000.000

EVALUATION – ACTIONS

Continuous analysis

ecological effects, budgetary effects, economical effects

data base: project data (economical effects: including results of 3-year analysis)

internal analysis (administration unit)

3-years analysis

ecological effects, budgetary effects, economical effects, organisational effects

data base: project data, own calculation (Input-Output-table)

external analysis

Specific analysis

ecological effects, budgetary effects, economical effects, organisational effects

data base: project data, studies, ...

internal or external analysis

EVALUATION - FRAMEWORK

obligation by law

3-years analysis

report to the parliament (justification for instrument/budget)

ecological/budgetary/economical/ organisational effects

independent external evaluator (objectivity)

data base: project data

economical effects: separate calculation (Input-Output-table)

Definition of framework

framework/scope predetermined by earlier reports (comparability)

specific items, new developments

timeframe, budget

EVALUATION – SEARCH FOR CONSIGNEE

Know how needed

excellent knowledge of the aid scheme (criteria, purpose, procedure ...)
ecological, economical understanding of eligible projects/technique

Personal qualification

proof of knowledge/experience
independency (from project owner, administration unit, BMNT)

High requirements, because ...

knowledge of aid scheme primarily at the administration unit/BMNT
different technologies, different sciences
independency

EVALUATION - PROJECT EXECUTION

Preparation

detailed definition of analysis

clarification of aid scheme

preparation and transfer of data/detailed criteria/developments of aid scheme

Data analysis

plausibility check

comparison inside 3-years period/against former 3-years period

Content preparation

developments of legal framework, criteria, budgetary framework

Coordination and Reporting

consignee-administration unit-BMNT

EVALUATION – RESULTS – WHAT ELSE? - 1

Reporting to the parliament

political discussion on the report
instrument of justification

Reporting to Ministry of Finance/Court of Editor/ public

proof of effectiveness, showcase

Importance of independent evaluation!!!

confidence, reliability

EVALUATION – RESULTS – WHAT ELSE? - 2

Comprehensive investigation of the aid scheme

better understanding of the program

detecting of different effects

periodical comparison

...

Starting point for ...

further analysis

discussions on expert and political level

adaptions (goals, design ...)

...

EVALUATION – RESULTS – WHAT ELSE? - 3

Examples for implementing results

max. ceilings of aid per t CO₂

lump sum for small projects

QM-System for district heating

circular recommendations

digital application tool

improvement of data base

...

aid focussing on main components of a project

EVALUATION – CRUCIAL POINTS

Solid Data Base

constant parameter
clear, continuous classification

Definition/scope/purpose of Evaluation

comparability
new developments
external/internal purpose

Qualification of evaluator

high technical, economic expertise and excellence knowledge of aid program
independency

Active steering group

comprehensive investigation

Willingness for development/adaption!!!

THANK YOU

Michael Aumer

FEDERAL MINISTRY OF SUSTAINABILITY AND TOURISM

Division I/3, Environmental Aid Policy, Sustainability, Biodiversity

Stubenbastei 5, 1010 Vienna

T +43 1 71100 611643

Michael.aumer@bmnt.gv.at

bmnt.gv.at