



## The evaluation concept of the Austrian CRCs

*COMET: K2 centres, K1 centres, K projects*

# Content

1. Programme evaluation
2. Ex-ante Evaluation
3. Reviews
4. Mid-term evaluation / end evaluation
5. Target values
6. Map of centres



# Programme evaluation – the core elements

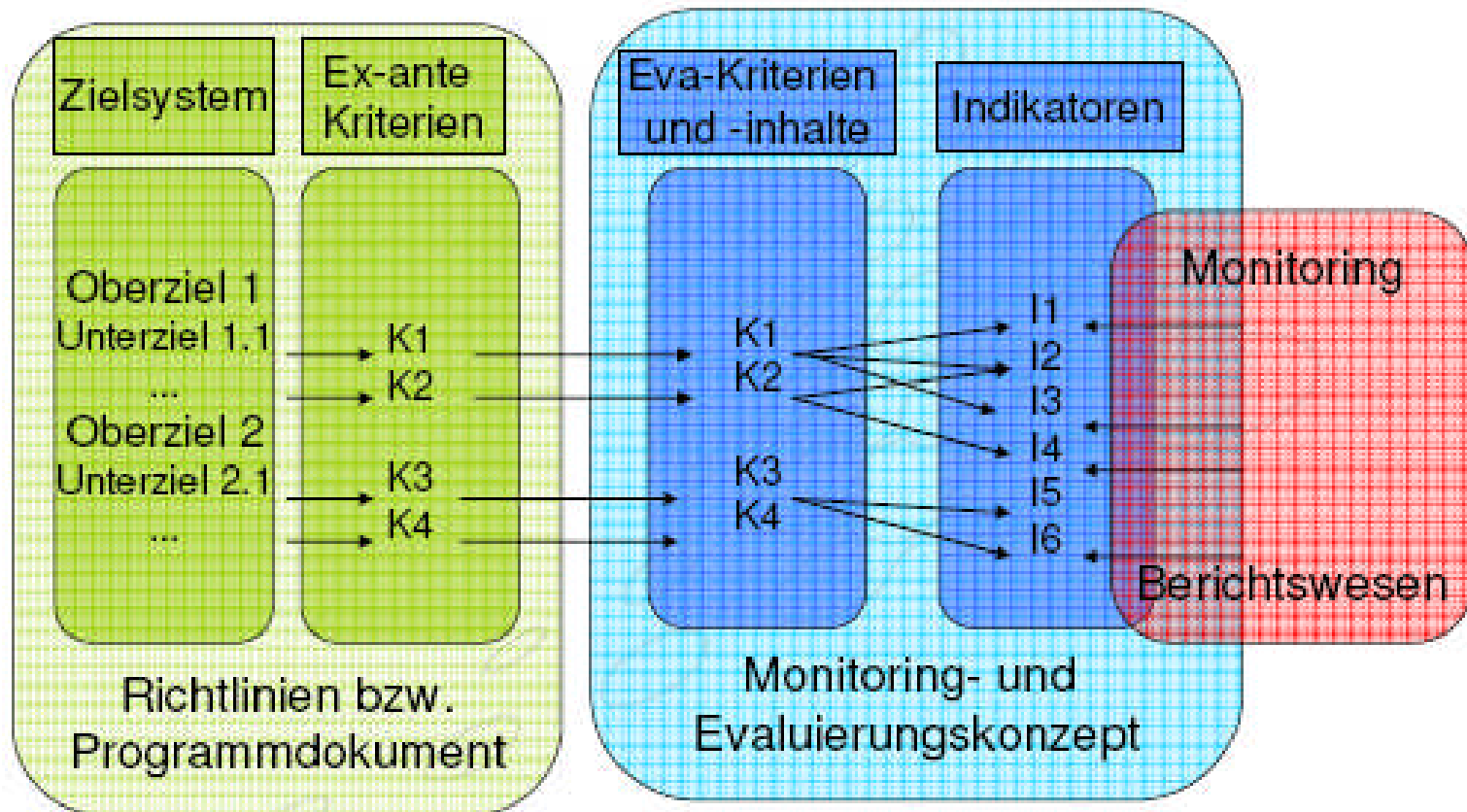
1. Evaluation of the Concept of COMET
2. Evaluation & Management of programme
3. Results, realisation of aims, impact
4. Position within the Austrian & international subsidy systems and within the programme portfolio
5. Recommendations for the future



# Objectives → criteria → indicators

## Ziele - Kriterien - Indikatoren

Konkretisierungsgrad, Operationalisierungsgrad



## COMET Programme objectives

- Strengthening the co-operation between science and industry & the new quality of research
- Initiating new scientific and technological developments
- Implementing some “bigger” centres => breakthrough to world-leading research (excellence) & international visibility
- Going international: active involvement of international firms and researchers
- Strengthening of human capital (career advancement, attraction of top scientists)



# Programme lines and criteria

## K2 Centres

Number: maximum 5  
Public financing: 45 - 60 %  
Duration: 10 years

## K2-Criteria

- International visibility and world-leading research
- Active integration of international industry, scientific partners and scientists

## K1 Centres

Number: approximately 15  
Public financing: 40- 55%  
Duration: 7 years

## Criteria for Centres

- Bundling of players to strengthen synergies
- Human resources development
- International integration

## K-Projects

Number: approximately 20  
Public financing : 40 - 50 %  
Duration: 3 - 5 years

## General Criteria

- Research programme defined jointly by science and industry
- Research competence and connection to science
- Relevance of implementation in industry
- Quality of collaboration between science and industry
- Management and implementation

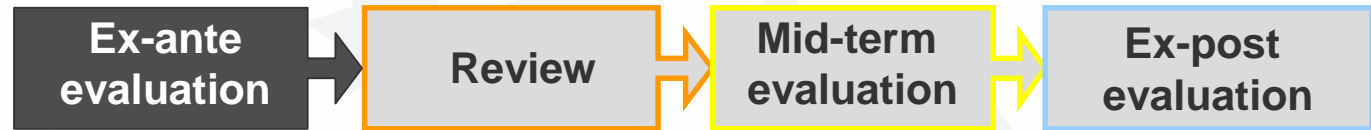


# Ex-ante Evaluation K1/K2 centres

<b>LEVEL 1 (short applications)</b>	
Austrian Science Fund (FWF) / Christian Doppler Research Association (CDG) <b>External evaluation</b>	Austrian Research Promotion Agency (FFG) <b>Internal evaluation</b>
<b>Recommendation Level 1: Panel 1</b> Invitation to submit full application K1/K2	
<b>LEVEL 2 (full applications)</b>	
Austrian Science Fund (FWF) / Christian Doppler Research Association (CDG) <b>External evaluation</b>	Austrian Research Promotion Agency (FFG) <b>Internal evaluation</b>
<b>Hearings</b> with members of the panel and experts with specific thematic expertise	
<b>Funding recommendation Level 2: Panel 2</b> (K2, K1 centres)	
<b>Decision on funding by the Federal Minister</b>	



# Review / Evaluation of K1/K2 Centres



<b>When?</b>	2/3 year	4/5 year	In last year
<b>What?</b>	K1/K2 centre	K1/K2 centre: aims, results 1st phase plans 2nd phase	Results of K1/K2 centre after 7/10 yrs
<b>Who?</b>	FFG (External reviewers)	External Reviewers	External Reviewers
<b>Consequences?</b>	Recommendation	Stop or Go decision	-

# Information base for COMET evaluations: quantitative & qualitative data

Ex-ante Evaluation	Review	Mid-term Evaluation	Ex-post Evaluation
Quantitative: Monitoring			
Quantitative and qualitative: in <b>Application</b>	Quantitative and qualitative: <b>report</b> of Centres/Projects	Quantitativ und qualitativ: <b>report</b> of centres ( <b>Core Dok.</b> )	Quantitative and qualitative: <b>report</b> of centres/Projects
Quantitative: List central indicators	Quantitative: List of central indicators	Quantitative: List of central indicators	Quantitative: List of central indicators
		Measurement of Additionality	Measurement of Additionality



## Two/three Year Reviews 2/3YR

- Takes place after two (K1) / three (K2) years
- Review of the centre's development/management
- Review of ex-ante requirements
- Check of milestones
- Any problems and challenges so far
- Set of questions on scientific-technological progress, results; organizational and human resource matters
- Learning experience - no immediate consequences but feedback on first years
- Preparation / training ground for mid-term evaluation
- Set up and carried out by FFG (external evaluators if required)

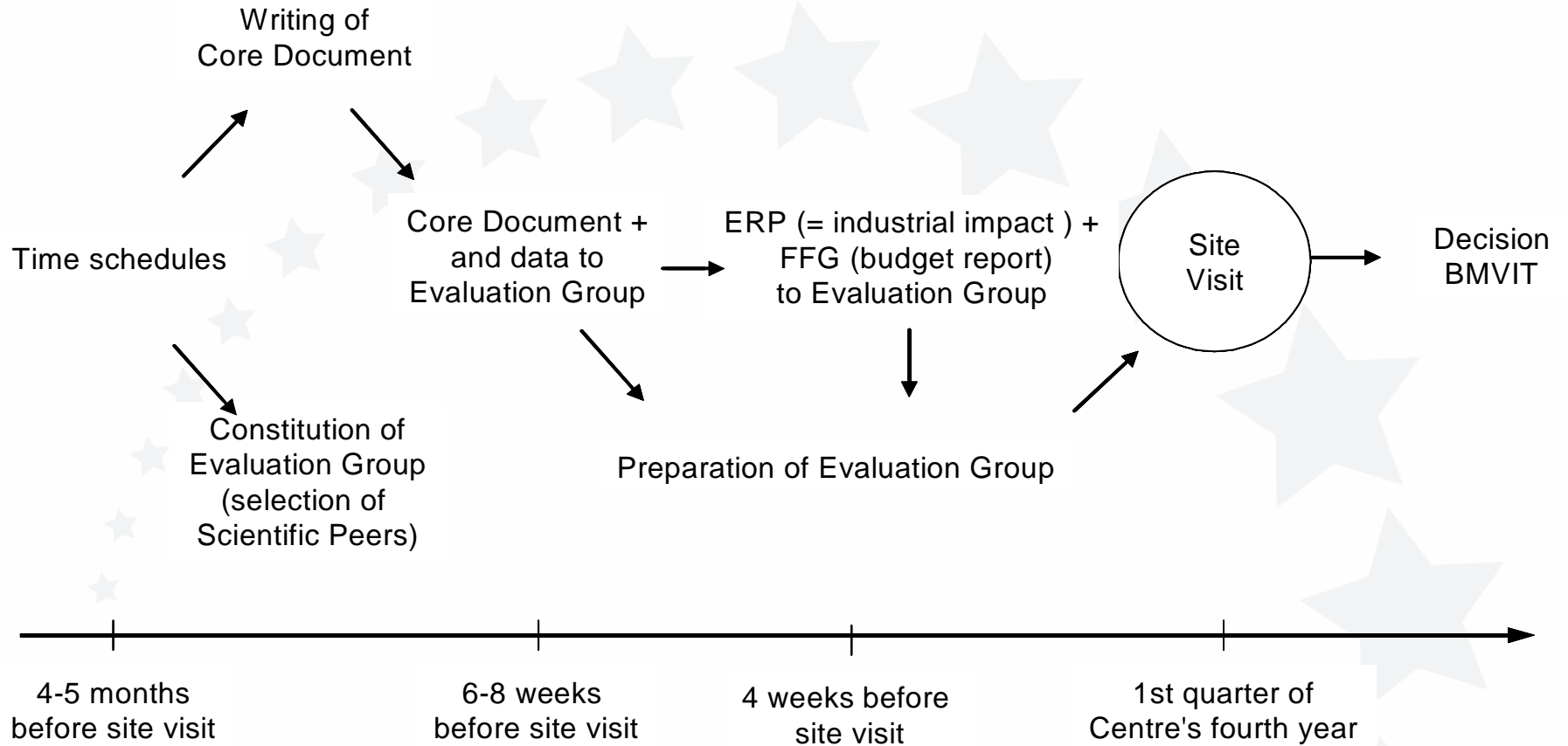


## Four/Five Year Evaluation 4/5YE

- Takes place 4th Year (K1) 5th Year (K2)
- Decision over next funding period: “Stop or Go”
- Looks at performance of first funding period and plan for second funding period
- Organized by FFG
- Evaluated by
  - Scientific peers
  - Standing group (for all centres similar)
- Evaluation Basis
  - Core Document
  - Site Visit



# Four Year Evaluation: *Kplus* schedule



## Yearly On-Site Checks by FFG

- Get quick overview on centre's development (any problems so far?)
- regular check of ex-ante requirements/ recommendations
- Check of financing and (fundable) costs etc
- Carried out by FFG programme management together with FFG controlling team
- Other funding organisations (regions) are invited to participate



## Target Values – Central Indicators (1/2)

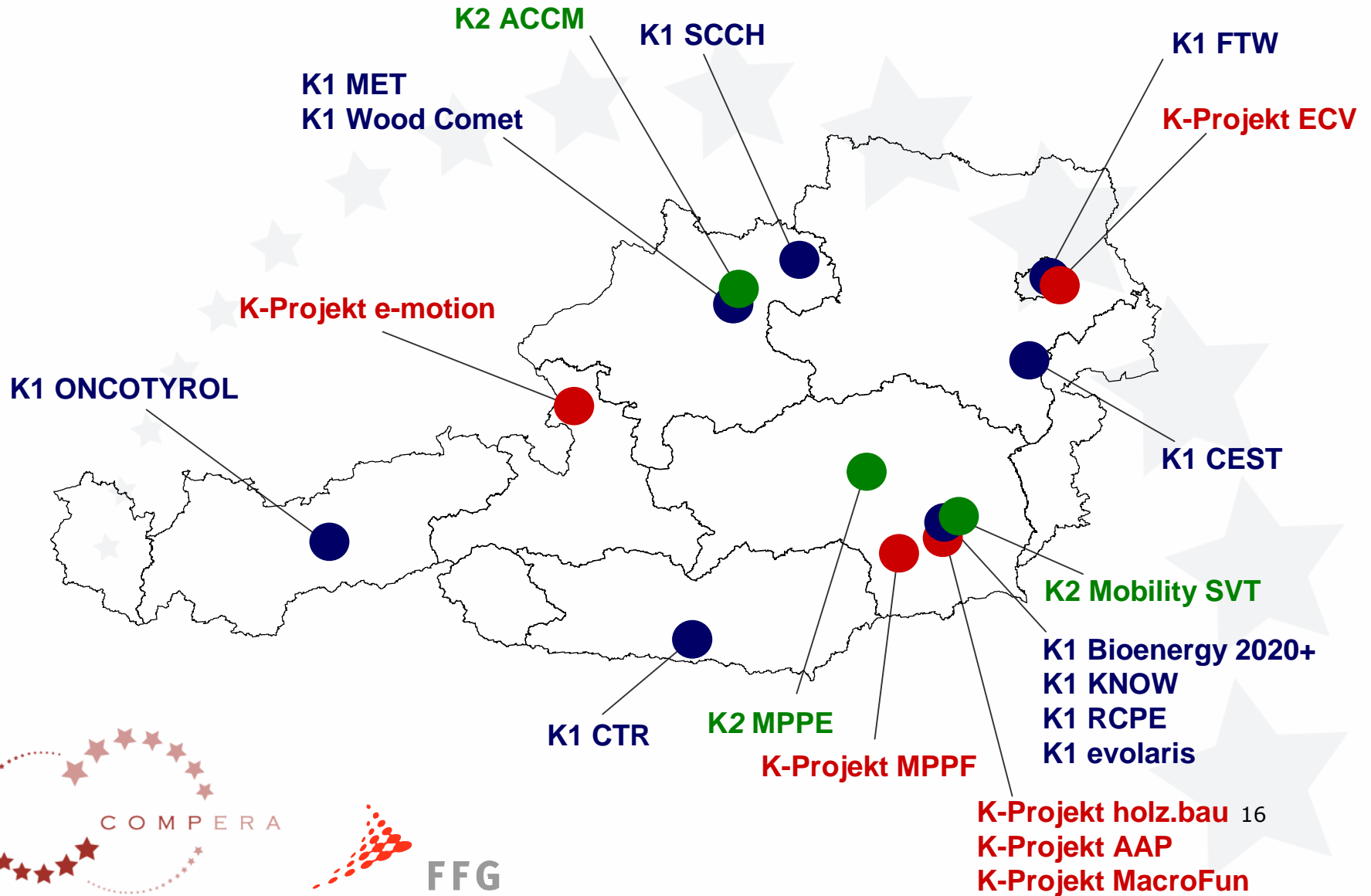
- each applicant chooses target values himself/herself
- Target values are evaluated and fixed during ex-ante evaluation
- Targets are monitored in reporting
- Targets re-evaluated during reviews & mid-term evaluation
- Final check at end evaluation
  
- The indicators are used also for the programme evaluation



## Target Values – Central Indicators (2/2)

1. Indicator „Research Programme“	Target value
Share of <b>strategic research projects</b>	Percentage of total fundable costs
2. Indicator „Research Results“	Target Value
<b>Publications</b> in „Reviewed Journals“ - of which Co-Publications science – industry	Cumulative amount over funding period
<b>Patents and Licenses</b>	Cumulative amount over funding period
3. Indicator „Added Value“	Target Value
3.1 Increase of <b>research intensity</b> in company partners	Percentage of increase over funding period
<b>3.2. new scientific / company partners</b>	Amount partners over funding period
<b>3.3 Initiated Realisation in Industry</b> Process- und Product innovations, initiated through the reasearch programme	
4. Indicator „Human Resources“	Target Value
Amount of „Key Researcher“	Cumulative amount over funding period
<b>PhDs, masters, bachelors,</b> special qualification measures	Cumulative amount over funding period

# COMET – Results 1. Call



For further information

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