

# Austrian Genome Research Programme GEN-AU (GENome Research in AUstria)

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A Plan for Future Monitoring and Impact Analysis

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# One aspect of the study:

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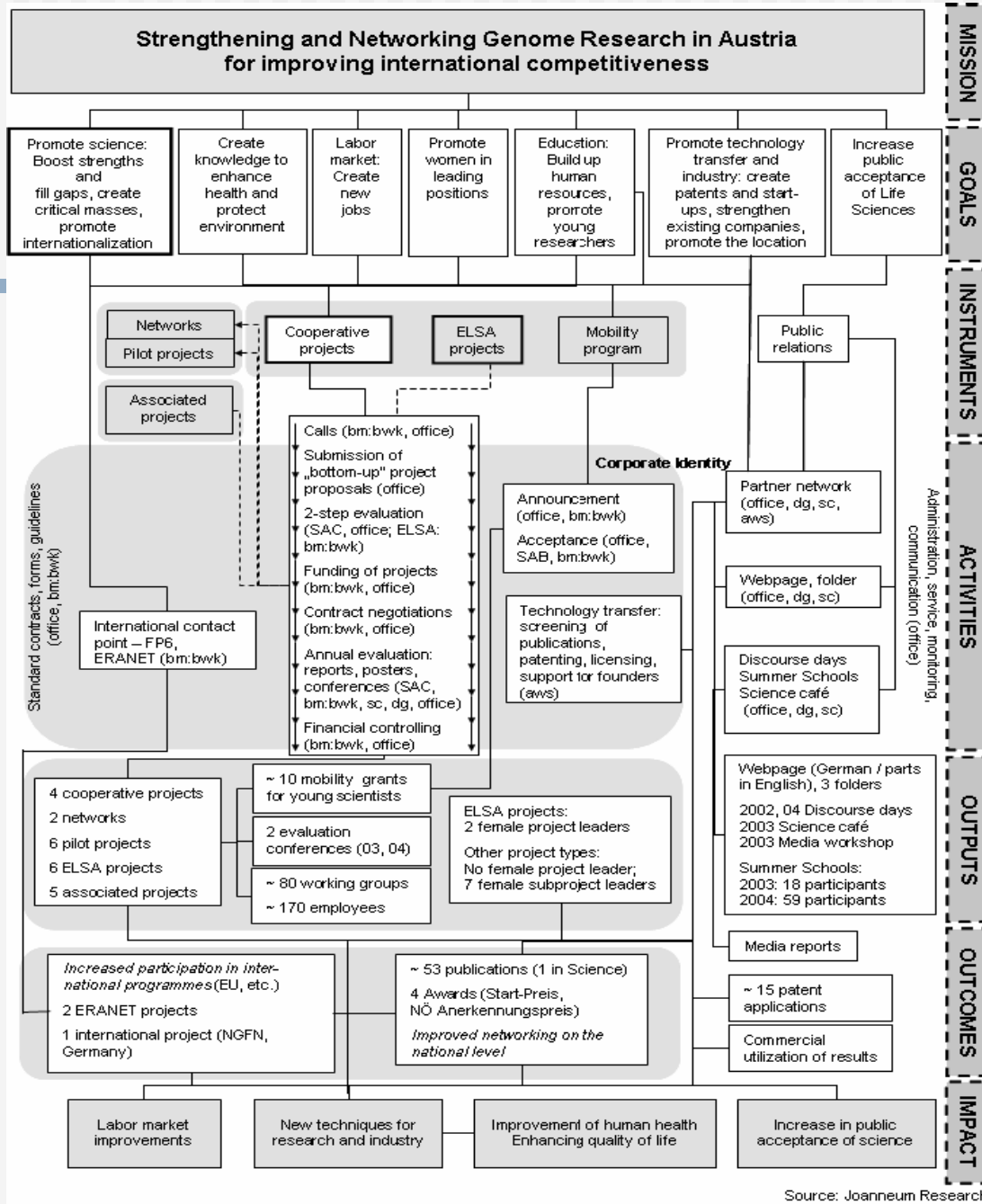
To develop a plan to provide support to GENAU for future

- performance monitoring
- impact assessment and
- implementation strategy

# Aim

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- to provide a comprehensive array of suitable performance metrics from which program management could select based on future priorities and feasibility
- a flexible plan for impact assessment
- an implementation strategy that could be put in place when the program was ready



Source: Joanneum Research

# Plan for Future Monitoring and Impact Analysis

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- ❑ Monitoring
  - Activity-based performance indicators
  - Output-based performance indicators
  - Outcome-based performance indicators
  
- ❑ Evaluating longer-term program impacts
  - geared to program mission and goals
  - expressed in question form
  - multiple evaluation methods recommended
  
- ❑ Data Collection: what, when, and by whom

# Activity-based Performance Metrics, e.g.,

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- Outreach metrics
- Proposal review/selection metrics
- Tech-transfer activity metrics
- Quality/fairness metrics

(Absolute terms and adjusted ,e.g. for administrative budget)

# Output-based performance metrics, e.g.,

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- number of proposals processed
- number of funded projects by type
- number of participating entities by project type
- number of summer school participants
- number of woman scientists by role (absolute terms & adjusted)

# Outcome-based metrics, e.g.,

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- number of projects competed by type & not competed by type & cause
  - publications and patents
  - attraction of additional funding
  - number of projects with commercialized applications
  - % of GENAU participants in national networks & in international projects
- (Absolute terms and adjusted, with use of possible comparison groups)



# Longer-run Impact Measures against Program Mission & Goals

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Table of questions provided with suitable approaches to answer each, e.g.,

- Has GENAU created knowledge in genomics?
- increased a research network in Austria in the field?
- increased public acceptance of life sciences?
- created jobs?
- built-up human resources in genomics, including
  - fostering advancement of women scientists?
  - encouraging young researchers?
- improved the international competitiveness of Austria researchers in the field?

# Evaluation plan

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- Designed to be
  - comprehensive
  - flexible
  - available when the time was right
- Reported implementation by GENAU planned