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

A Plan for Future Monitoring and Impact Analysis

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One aspect of the study:

To develop a plan to provide support to GENAU for future

- performance monitoring
- impact assessment and
- implementation strategy
Aim

- 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
Plan for Future Monitoring and Impact Analysis

- 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.,

- 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.,

- 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.,

- 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

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

- Designed to be
  - comprehensive
  - flexible
  - available when the time was right

- Reported implementation by GENAU planned