



MINISTRY OF SCIENCE, EDUCATION AND SPORTS



Study visit – EBPM Sweden, May 21-24, 2012

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Lessons Learned

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Ministry of Science, Education and Sports



Swedish hosts (8):

- Swedish National Agency for Higher Vocational Education
- Edströmska upper secondary school in Västerås
- Statistics Sweden
- Swedish National Agency for Higher Education
- Teknikcollege
- Population and Welfare Department of Education and Jobs
- Swedish Public Employment Service
- Ministry of Education and Research



Croatian representatives (17) from:

- Ministry of Science, Education and Sports
- Ministry of Labour and Pension System
- Agency for Science and Higher Education
- Agency for Vocational Education and Training and Adult Education
- Education and Teacher Training Agency
- National Centre for External Evaluation of Education
- Croatian Employment Service,
- Croatian Chamber of Economy
- Croatian Chamber of Trades and Crafts
- Interdepartmental Working Body for Labour Market Monitoring
- Croatian Employers Association



Questions of interest for Croatian study visit in Sweden



- Q. concerning institutions and procedures
- Q. concerning sectoral councils/working groups
- Q. concerning budget and education financing
- Q. concerning employee training and education (including all forms of unformal education)
- Q. concerning collecting and analyzing qualitative data on the labour market needs regarding occupations, required skills and key competences
- Q. concerning quality assessment criteria - accreditation of institutions
- Q. concerning student tracking system
- Q. concerning RPL (Recognition of Prior Learning)
- Q. on technical issues: database design and software development, data storage and legal protection (unauthorized access, data loss)
- Q. concerning the usage of data in a policy making
- Q. concerning historical overview of the development and implementation of the existing EBPM system



the Swedish National Agency for Higher Vocational Education

Yh

Tasks:

- matters concerning higher vocational education (HVE)
- analyse the demand for qualified workforce in the labour market
- decide which programmes are to be provided as HVE and allocate public funding to education providers
- quality assurance
- assessment of foreign higher vocational education
- coordinating the national framework for prior learning and validation, as well as serving as the NCP for the EQF



the Swedish National Agency for Higher Vocational Education



Yh

Some examples of Yh's EBPM in matching HVE with labor market demands:

- occupational analysis
- analysis of the labor market
- descriptive report on the educations within HVE
- follow-ups on what the students do after they have finished their studies
- focus-follow-ups: e.g. which level of education the students start with in HVE; whether the students stay in the region where they have studied



the Swedish National Agency for Higher Vocational Education



Sources of information:

- Swedish Public Employment Service
- Statistics Sweden (statistics about the labor market, professions, occupational register, about the employment rate within different professions, about employees age, sex, field of study..)
- Swedish Agency for Economic and Regional Growth
- National Institute of Economic Research
- Business Intelligence
- Networking (with trade associations, with business and industry, 21 regions)



the Swedish National Agency for Higher Vocational Education

Yh

What is the purpose of these analyses?

- e.g. to help the Agency in the accreditation - when they decide which educational programs should be approved and get funding from the Agency (market driven decision making)
- the Government needs this information to make decisions about the public funding, new legislative measures etc.



the Swedish National Agency for Higher Vocational Education

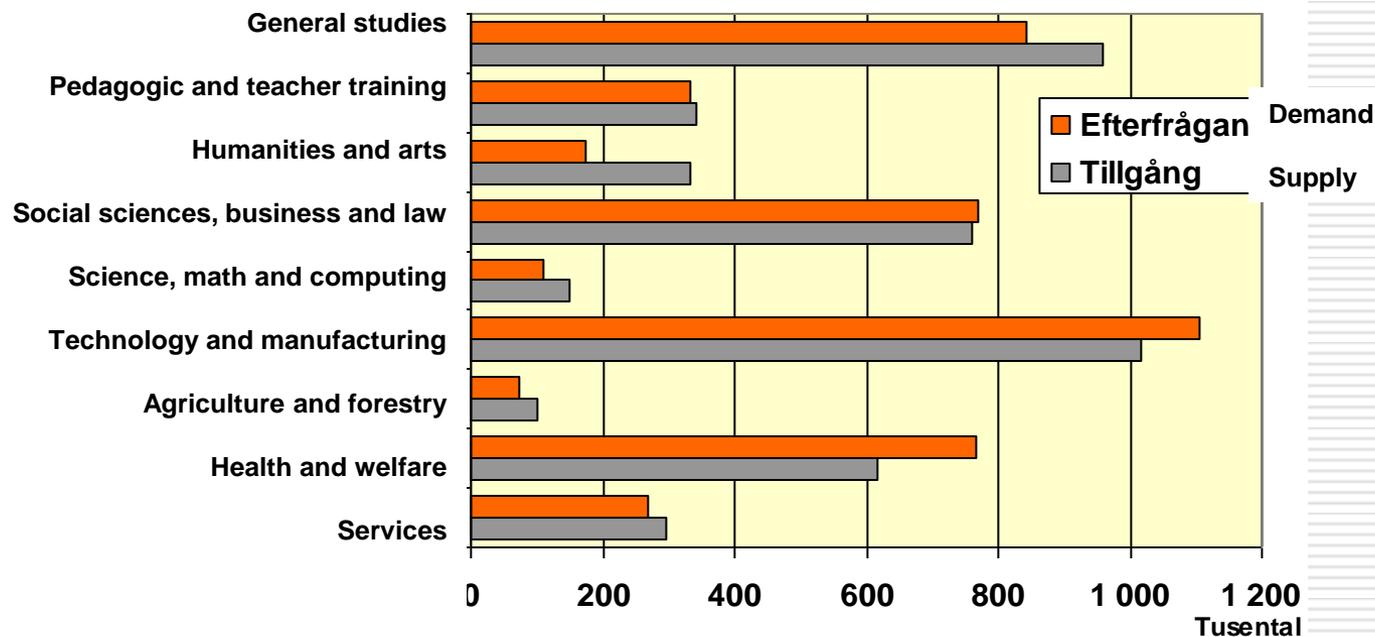
Yh

- the most important question: can students find suitable employment after these courses?
- follow-up survey of students the year after their graduation
- annual survey (mail and web) made by the educational providers
- additional proof checking by the Yh



The Forecast Institute

e.g. Forecast Reports up to the year 2030





Statistics Sweden



The Population and Welfare Department of Education and Jobs

- ❑ collaboration with the National Agency for Education (responsible for the official statistics concerning pre-schooling, school-age childcare and parts of the adult education) and with the Ministry of Education and Research
- ❑ data source: the School Register (owned by the National Agency for Education and administrated by the SCB); data concerning students, grades, costs and the teaching staff
- ❑ Ministry of Education and Research orders 2-4 surveys each year



MINISTRY OF SCIENCE, EDUCATION AND SPORTS

Swedish National Agency for Higher Education



- supplies universities and university colleges with evaluations and reviews as basis for improvement
- monitors the legal rights of students through supervision of the HE institutions
- is responsible for the official statistics for HE
- evaluates foreign qualifications
- provides information for future students
- is responsible for the Swedish Scholastic Aptitude Test (SweSAT)



Swedish Public Employment Service

Occupational forecasts: mapping about 200 professions:

- Short term forecasts: 1 year ahead
- Long term forecasts: 5-10 years ahead

Information from employers, public employment offices, employers organisations and labour unions, statistical information.

Information directly from employers is the most common way to get information.



Swedish Ministry of Education and Research

- ❑ only 190 staff employed but there are several larger government agencies which are responsible for implementing the governments decisions
- ❑ 'the main task of the Ministry is to prepare government decisions, not to implement'
- ❑ research papers - commissioned



Collaboration between National Agencies regarding future labour market needs of skills

National Commission: information-sharing between national agencies within the field of skills analysis

- Swedish National Agency for Higher Vocational Education
- Swedish Public Employment Service
- Statistics Sweden
- Swedish Agency for Growth Policy Analysis
- Swedish Agency for Economic and Regional Growth
- The Swedish National Agency for Education
- Consulting Agencies: the Swedish National Agency for Higher Education, Sweden's Innovation Agency



Thank you!

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