

Development Contract for IT University of Copenhagen 2012-2014

Method for Deciding Goal Satisfaction

Every goal in this contract has the property that its satisfaction or non-satisfaction is decided independently from year to year. Thus, the fact that a goal is not satisfied in 2012 or 2013 does not preclude it from being satisfied in 2014.

Quality in Education

Result Goal 1 The drop-out rate for bachelor students will be at most 15 %.¹

Result Goal 2 The employment rate of MSc graduates who graduated at most four years ago must be at least as high as the national average for all “kandidat” graduates from Danish universities in the same period.²

Connectivity in the Education System

Result Goal 3 At least 75 % of the students admitted on the MSc programme are graduates from other institutions than the IT University itself.³

Faster Completion

Result Goal 4 The percentage of MSc students that graduate with a delay of at most one year (calculated by the method of Danish Universities) must be at least 60 % in 2012, 62 % in 2013 and 64 % in 2014.⁴

Increased Innovation Capacity

Result Goal 5 ITU will graduate at least 255 MSc’s in 2012 and 284 in 2013 and 318 in 2014.⁵

¹ This is measured using the definitions of Danish Universities. Numbers for ITU have been: 2008: 31 %; 2009: 17 %; 2010: 15 %; 2011: 11 %. National average in the same period varies between 16 % and 17 %.

² This is measured yearly by the Ministry, based on numbers from “Danmarks Statistik”. In 2008, ITU’s MSc graduates had employment rate of 93 %, as compared to 90 % nationally; in 2010, however, ITU’s MSc graduates had an employment rate of 83 %, compared to the 86 % nationally.

³ The admission procedure for MSc students does not and must not discriminate against ITU students. Thus the goal can only be achieved by attracting a large number of well-qualified applicants from other institutions.

⁴ Comparisons with the other Danish universities are only available at faculty level. Numbers for ITU are below those of SUND and TEK/NAT for the other universities, but above numbers for HUM and SAM, see <http://www.dkuni.dk/Statistik/Universiteternes-statistiske-beredskab> table G.

⁵ The number for 2011 was 247, but admission has increased sharply since 2008. (Internal note: numbers estimated by Analysis Section.)

Result Goal 6 (Open Innovation) ITU will participate in 8 open innovation projects in 2012, 11 in 2013 and 14 in 2014⁶.

High-Impact IT Research

Results Goal 7 The ITU will produce at least 152 bibliometric points in 2012, 166 bibliometric points in 2013 and 180 bibliometric points in 2014.⁷

Result Goal 8 The IT University will attract and spend at least 30 million DKK of external funding in 2012, 35 million DKK in 2013 and 40 million DKK in 2014.

The Work and Study Experience

Result Goal 9 The average course evaluation response of students to the quantitative questions should be at least 4.75 on a scale from 1 to 6.⁸

Result Goal 10 At least three full professorships will be advertised and filled by the end of 2014.⁹

Result Goal 11 The score in 2013 on overall job satisfaction (“arbejdsglæde”) should be at least 72, or equivalent.¹⁰

Globalisation

Result Goal 12 During 2012, at least 30 % of the assistant, associate and full professors at ITU (measured in FTE) will participate in formalised globally interactive research projects. In 2013 the percentage should be at least 33 % and in 2014 at least 36 %.¹¹

Result Goal 13 During 2012, at least 60 students will, as part of their ITU studies, participate in globally interactive learning activities at the IT University or obtain credit for study activities completed at universities abroad. In each of the following years, the minimum number is increased by 10, reaching 100 students in 2016¹².

⁶ See Appendix Open Innovation

⁷ At this rate of growth, ITU will in 2016 reach what corresponds to 1 % of the national production of points in 2010.

⁸ By “the quantitative questions” we mean questions number 1,2,3,4 and 6 of the six course evaluation systems (as of Spring 2012). If a different method of continuous evaluation is introduced, the goal has to be re-stated.

⁹ At the beginning of 2012, ITU has five full professors. One may retire by 2014; thus the number of full professors at the end of 2014 would reach seven or eight.

¹⁰ The scale used here is [Ennova’s scale](#). Everything about 70 is “high”, according to Ennova. The 2011 score was 69. By “or equivalent” we mean that if a different supplier than Ennova is used, the result should also be “high” on that scale.

¹¹ This increase continues the increase in goals from previous years.

¹² We are currently checking whether these numbers are both realistic and ambitious.

Efficiency

Result Goal 14 The ratio (of STÅ + årselever)/(teaching FTE) will be at least 14.4 in 2012, 15.0 in 2013 and 15.7 in 2014.¹³

Result Goal 15 The administration costs will be reduced from 13.3 % in 2009 to at most 12.7 % in 2012 and to at most 12.2 % in 2013 and 2014.¹⁴

¹³ The goal is to reach 17.0 in 2016. (Internal note: 17.0 was the national average for Danish universities in 2010.)

¹⁴ Administration costs are measured in the manner described in the PWC report "[Analyse af de administrative omkostninger til generel ledelse og administration i 2008 og 2009 på de danske universiteter](#)", Maj 2011. The savings correspond to savings of at least 1.5 million DDK in 2012, 2.9 million DKK in 2013 and 2.9 million DKK in 2014, compared to maintaining the percentage from 2009.

Appendix Open Innovation

Definition An *open innovation project* is a formalized collaboration between an external organisation and the IT University with the explicit goal of contributing to the external organisation's development with academic IT competencies.

Note that there must be an explicit goal of changing/developing/innovating something in the external organisation.

A *formalized collaboration* is based on a written agreement covering more than half a year.

Examples: an industrial PhD ("erhvervsPhD"), a collaboration agreement like the one ITU has with Københavns Kommune or a research project which specifically aims at innovation/development of an external organisation and where the external organisation commits at least half a FTE per year to the project.

Academic IT competencies are either research done by a faculty member or a PhD student or student projects approved as Master theses.

As of Feb 2012, ITU is known to have 6 Open Innovation projects.