



Bern University
of Applied Sciences

Institute for Human Centered Engineering (HuCE) Collaboration Modells

We combine new technologies and our know-how we have acquired in previous research projects in an interdisciplinary way to develop new products for industry and hospitals.

Offer to SME

The collaboration with industry, specifically with small and medium enterprises (SME) as well as hospitals, is a strategic goal of the Institute for Human Centered Engineering (HuCE). It allows SME to profit from our R&D resources and from our broad know-how in various disciplines to develop competitive products and bring them to market. We have acquired long-term experiences in executing challenging industrial projects.

Jump-Start Collaboration

Project-based collaboration is the most common form of collaboration between SME and the HuCE. To be an attractive partner to industry, we are proud on our jump-start collaboration model, which allows us to start very quickly with industrial projects. These quick starts are only possible because we handle internal projects with a lower time priority than industrial mandates, resulting in staff-engineer reallocation to industrial projects normally within 1 week. As soon as an industrial mandate is approved by the partner company, manpower resources are definitely allocated to said industrial project and stays there until the completion of the project.

Collaboration Model "flex"

Project-based collaboration is planned on a time- and not on a fixed-budget basis. Milestones and deliverables are commonly planned and regularly controlled by the partners. If after a starting period of three months, planning and reality diverge more than 20%, the SME partners have the right to immediately stop the collaboration within 2 weeks, with no additional expenses. This "flex" collaboration model is the most economic way to execute industrial projects, and it is also the easiest way for the SME partner to change, to cancel, or to add tasks on ongoing aR&D projects. In addition, our flexible collaboration is the basis to execute projects as true partners in a common team by allocating engineers from the SME company and from HuCE to the project team. Technology- and know-how transfer in both directions is an intended consequence of this collaboration model.

Collaboration Model "open"

With the collaboration model "open", the industry can outsource design projects with the option for project extension by guaranteed access to predefined HuCE-staff engineers. In this model, the contract only includes an average part-time percentage per year to execute the actual project. If the project or outsourcing volume is suddenly extended, we guarantee in this model an immediate increase (up to a doubling) of the basic part-time percentage with the predefined staff engineers.

Rates

Our hourly rates are very competitive as we take into account that our engineers educate themselves during the industrial project; this advanced training is one of the prime objectives of the University of Applied Sciences. Please contact us directly for the actual rates.

Contact

Dr. Marcel Jacomet
Head of HuCE
+41 32 321 62 41
marcel.jacomet@bfh.ch

Bern University of Applied Sciences

Engineering and Information Technology
Institute for Human Centered Engineering
Quellgasse 21
CH-2501 Biel/Bienne (Switzerland)

Innocampus

HuCE
Aarbergstrasse 3-5
CH-2560 Nidau-Biel (Switzerland)
+41 32 530 88 88