



Stadt Biel  
Ville de Bienne

# Deltagee Research @ Biel/Bienne, Canton of Berne, Switzerland

Media Conference, October 19, 2007

Hans Stöckli, Member of the Swiss national council, Mayor & Director of finance of the City of Biel





# "Grüessech - Bonjour!"

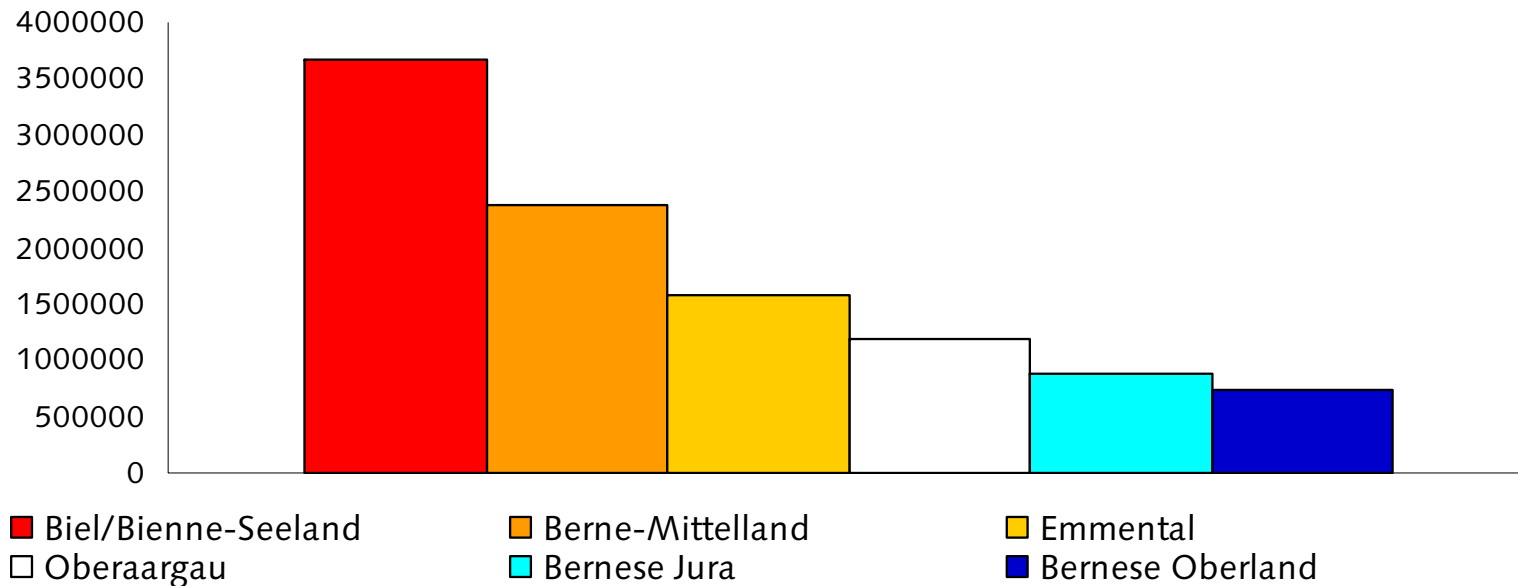
- I would like to welcome you in Switzerland's largest bilingual city. Biel/Bienne is home to two cultures forming a solid community: open to the world, tolerant – and pulsating with life and energy!
- The city of Biel/Bienne offers a range of facilities to support family life. People who come to live in Biel/Bienne can make a conscious decision to pursue their career and raise a family at the same time – and let their children learn French as they play with their friends in the playground!



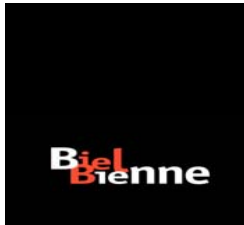


# Internationality: Biel Seeland is the largest exporting region in the canton of Berne

Export volume of the regions in the canton of Berne, in 1,000 CHF



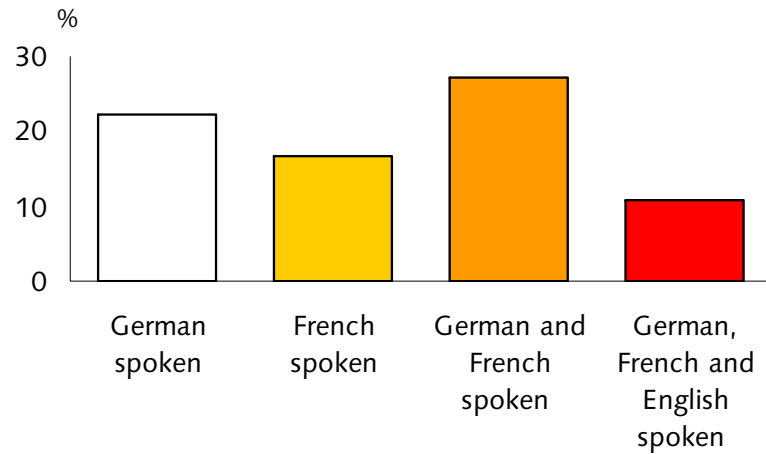
Source: Swiss customs administration, 2005



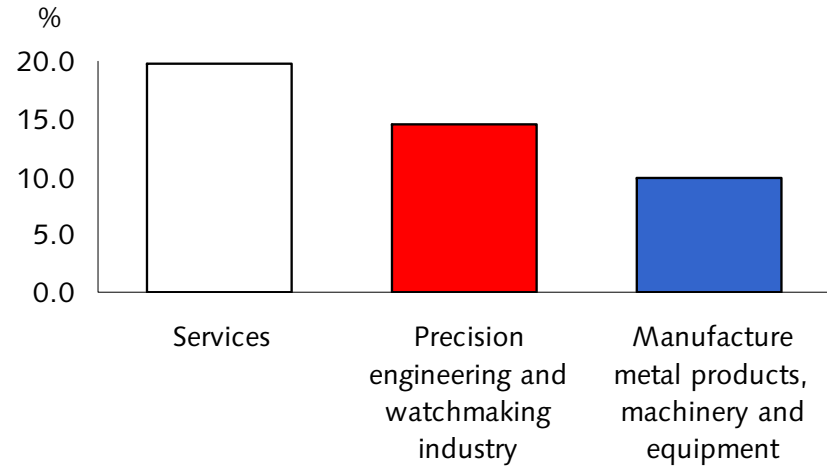


# Attractive Labor Market

Multilingual workforce  
(total habitants in %)



Workforce available in the cluster sections  
(proportion of jobs in %)

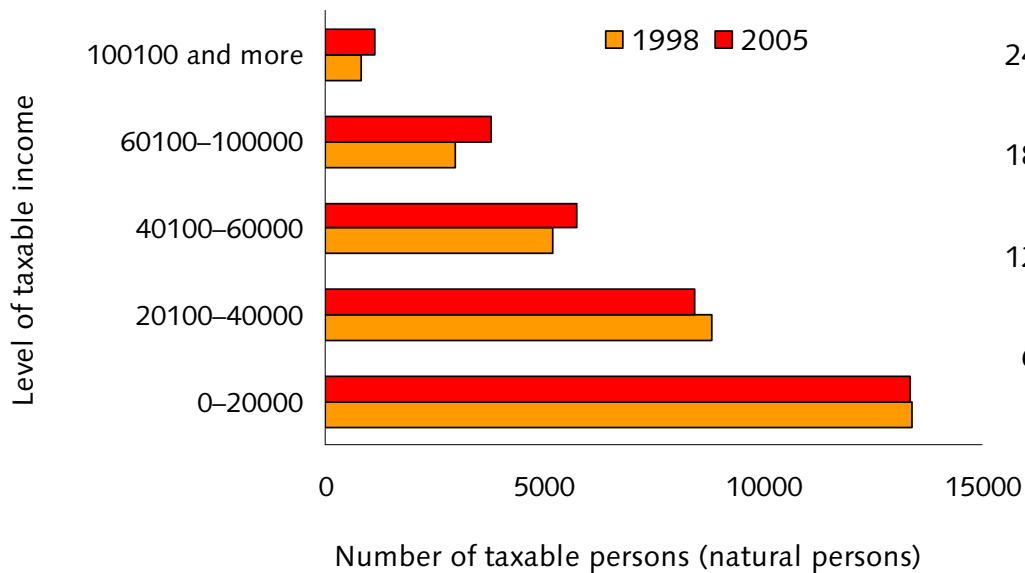


Source: Graphic 1: 2000 Swiss federal business census  
Source: Graphic 2: 2001 Swiss federal business census

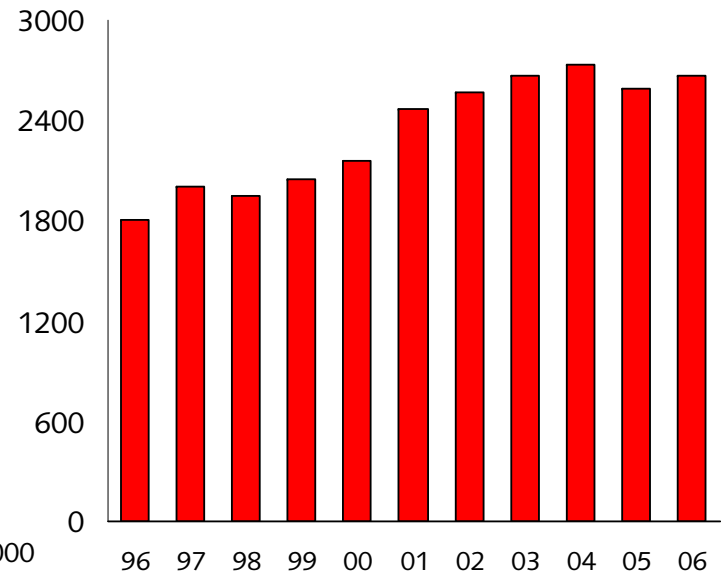


# Growing economic power (1/3)

Development of the income structure  
 in Biel/Bienne of taxable persons  
 (natural persons)  
 (Total)



Increase in number of legal entities  
 subject to tax  
 (Total)

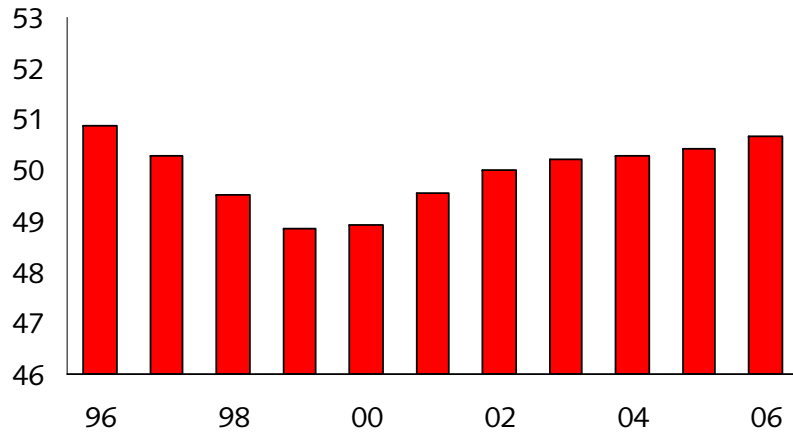


Source: Tax office of the City of Biel/Bienne.

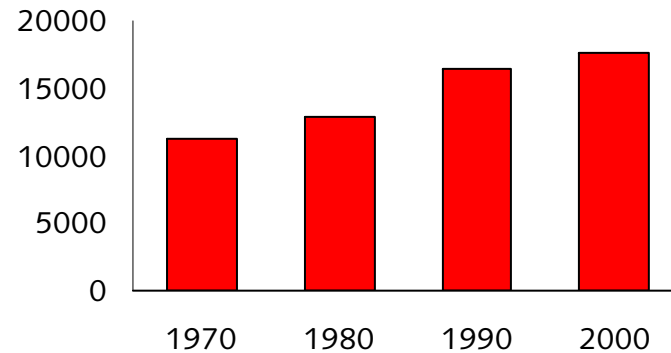


# Growing economic power (3/3)

Number of inhabitants (in 1'000)  
permanent and non-permanent resident  
population



Commuter Statistics  
Continual, positive commuter trends  
(commuters to Bienne)



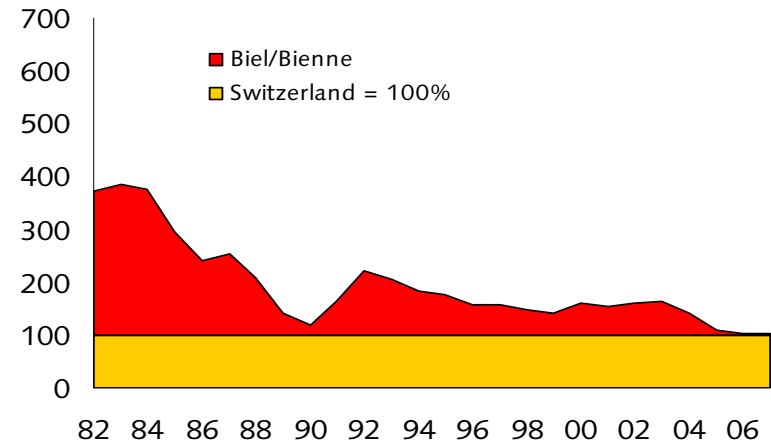
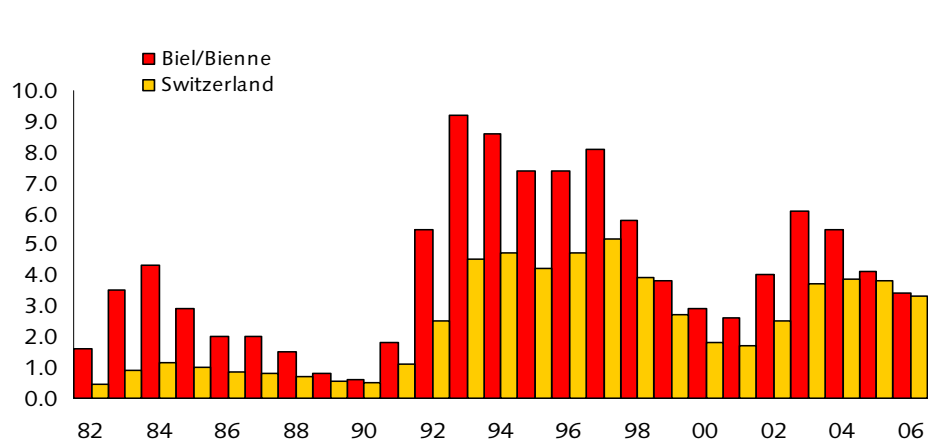
Source Graphic 1 : State Secretariat for Economic Affairs (seco)  
Source Graphic 2 : Swiss federal office for statistics / Federal Population Census





# Growing economic power (2/3)

Decrease of unemployment relative to mean for Switzerland  
(in %)



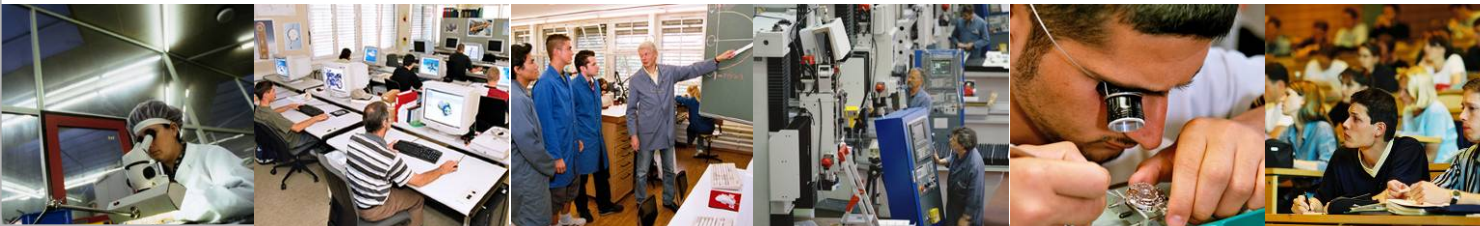
Source: State Secretariat for Economic Affairs (seco) and Office for statistics of the City of Biel/Bienne





# Berne University of Applied Sciences Biel/Bienne

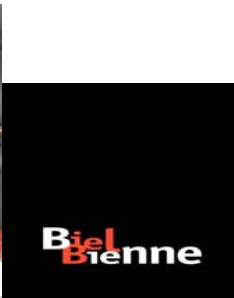
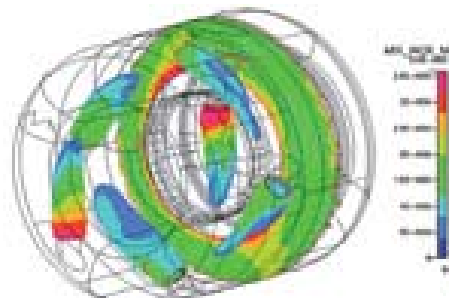
- Departments of the Engineering and Information Technology Division: automotive engineering, electrical engineering, information technology, micro-engineering, medical technology and communications technology.
- The goal of the university of applied sciences is research, development and consulting, to keep close ties within the federal university of applied sciences, the promotion in industry, as well as the outsourcing of international contacts.
- The section for Automotive Technology conducts projects in research and development also contributing to the lessons. Interdisciplinary teamwork is accomplished not only inside, but also outside the section.





# Berne University of Applied Sciences Partnership in R & D

- IC-Engines, Traffic and Environment
- The section for Automotive Technology is specialized in measurements and R&D of cars on chassis dynamometers and IC engines on engine dynamometers. 3 roller- and 5 engine-dynamometers are available. The legal measurements and several projects in the area "vehicles and environment" are carried out, for industry and authorities.
- To interested firms and institutions partnership in R & D are proposed .





# Berne University of Applied Sciences Projects

- R & D of IC engines – systems of injection, combustion, supercharging and exhaust gas aftertreatment
- Influence of the improvements of the fluidity of traffic on the emissions and fuel consumption
- Particulate traps and deNOx systems – quality and application
- Nanoparticulates
- Energy consumption and improvement potentials of electric-and hybrid-vehicles





# Center of competence for the precision engineering industry

- A large number of international market leaders in microtechnology and precision engineering create an ideal environment for business. Here is just a small selection:
  - Cendres & Métaux
  - Diametal
  - DT Swiss
  - Harting
  - HTT
  - Mikron
  - MPS / Faulhaber Gruppe
  - Posalux

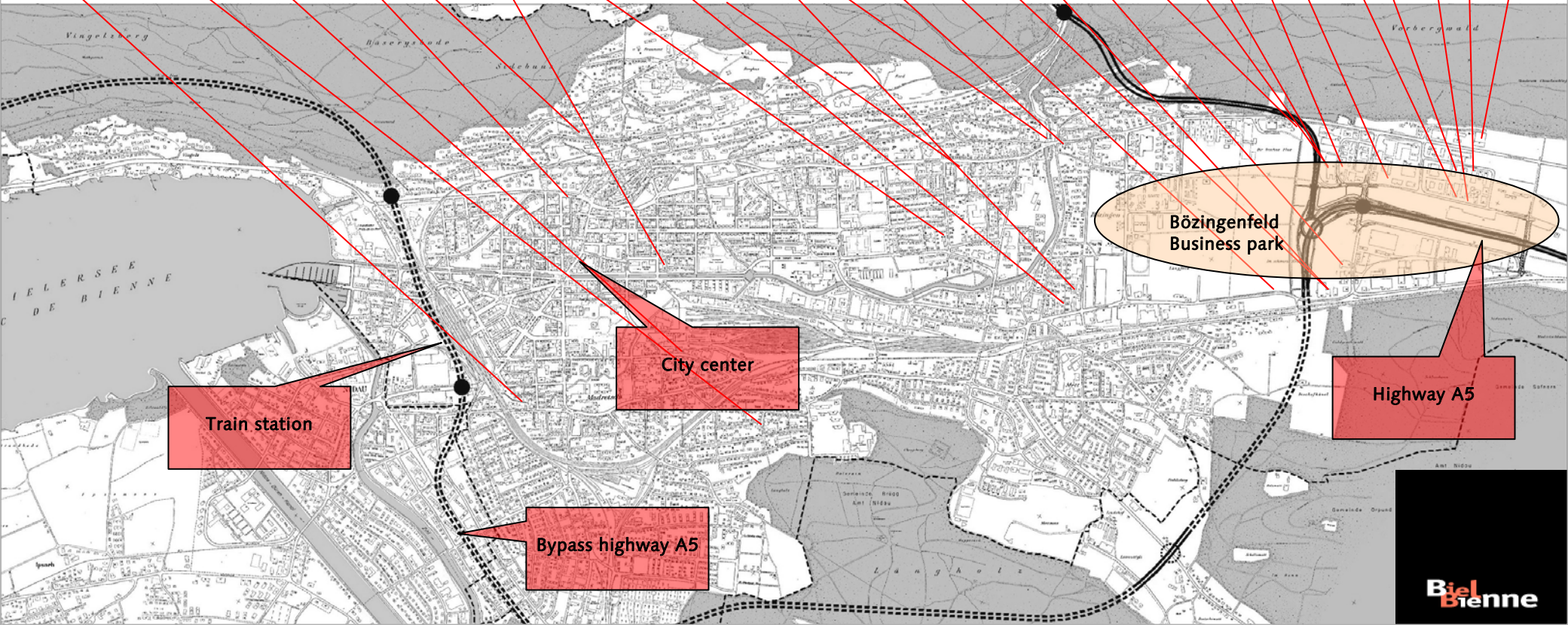
" The concentration of high-tech companies in our area and our proximity to the expertise offered by the college of Engineering and Information Technology provides us with real benefits, when looking to identify industrial partners and when recruiting qualified staff."

Marco F. Zingg  
General Manager, DT Swiss,  
system supplier to the cycle  
manufacturing industry





# Biel/Bienne Business Network Precision engineering industry

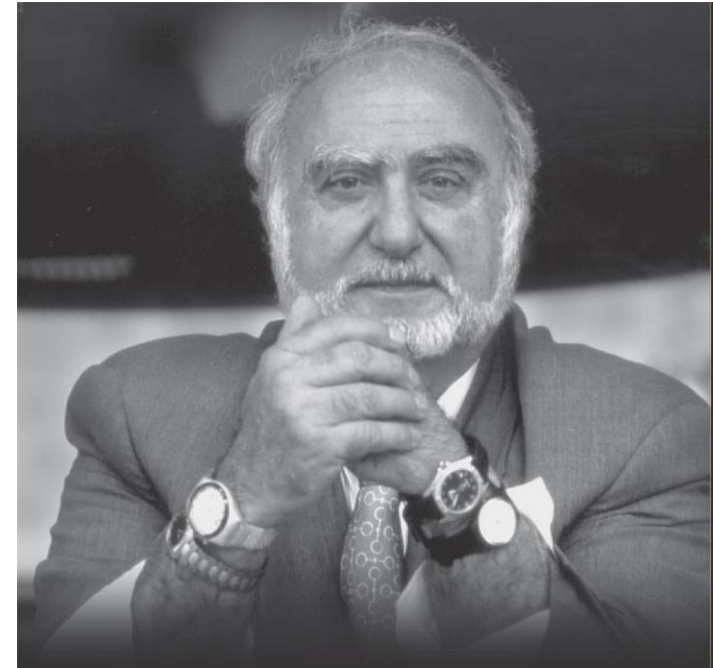




# World center of the watchmaking industry

- Biel/Bienne is the world's foremost center of the watchmaking industry. The presence in Biel/Bienne of leading manufacturers provides clear evidence of the major emphasis attached to high-quality production within the region, to high-level technical qualification, and to marketing expertise. Here is a selection of the companies present in Biel/Bienne:
  - Manufacture des Montres Rolex SA
  - Swatch Group
  - Omega AG
  - Milus International SA
  - Movado Watch Co AG and Concord
  - Festina - Candino Watch SA
  - CK Watch Co Ltd
  - Roventa-Henex SA

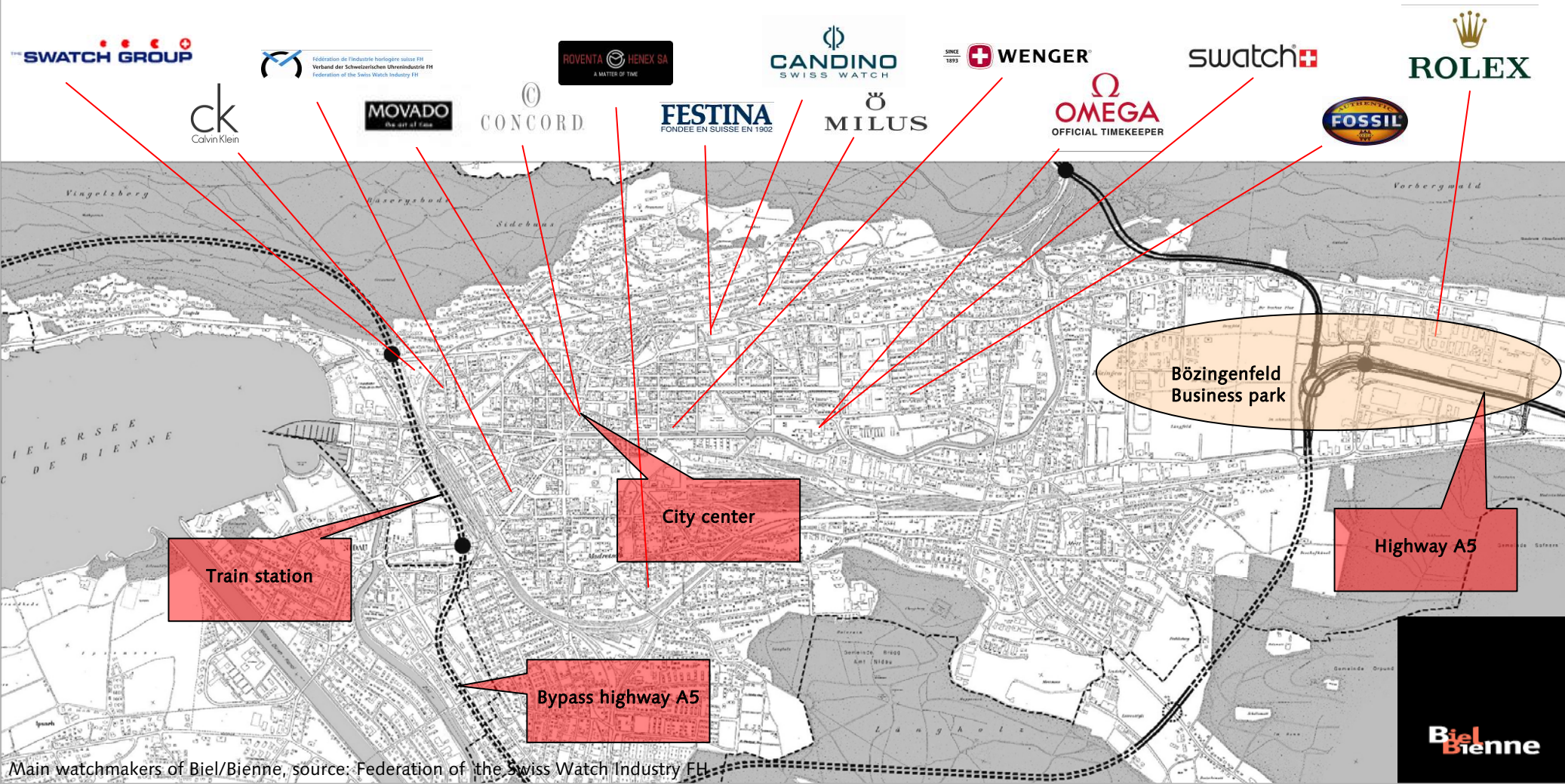
Nicolas G. Hayek  
President of the supervisory  
board, Swatch Group



*„Welche andere Stadt  
kann schon einen  
Internet Swatch Meridian  
vorweisen?“*

*„Quelle autre ville  
peut-elle se flatter d'être  
un méridien  
Swatch d'Internet?“*

# Biel/Bienne Business Network Watchmaking industry



Main watchmakers of Biel/Bienne, source: Federation of the Swiss Watch Industry FH