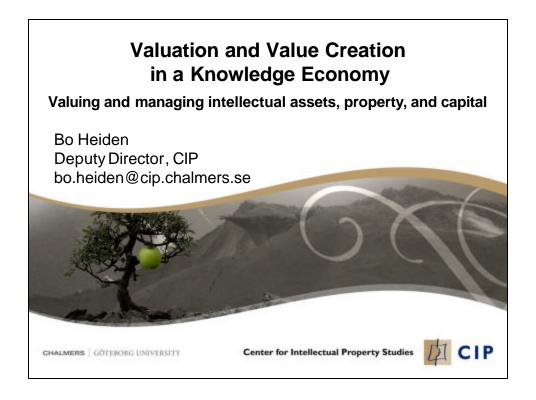
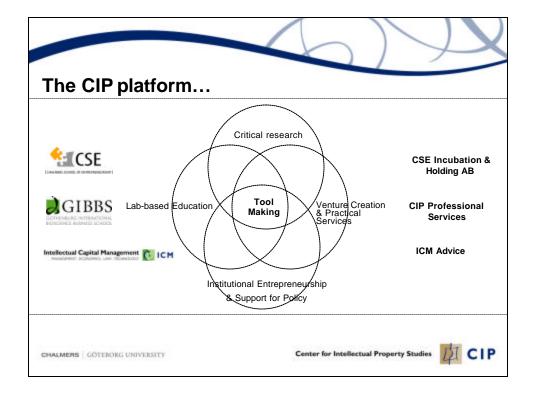


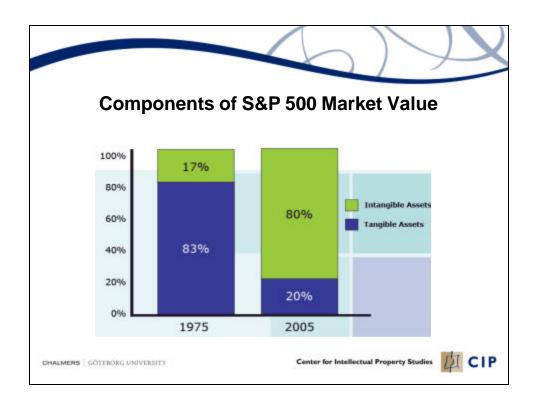
Seminar Creation, Recognition and Valuation of Intellectual Assets

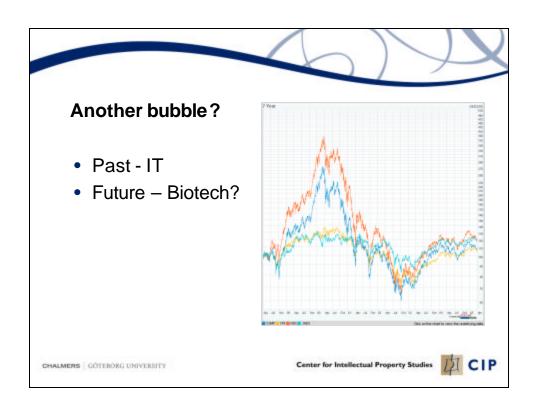
New York, 13 – 14 July 2006 United Nations, Conference room 6

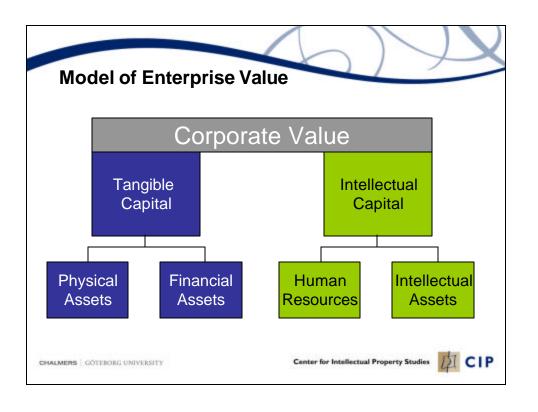
Valuation and value creation in a knowledge economy
Bo Heiden,
Centre for Intellectual Property
Chalmers University of Technology.

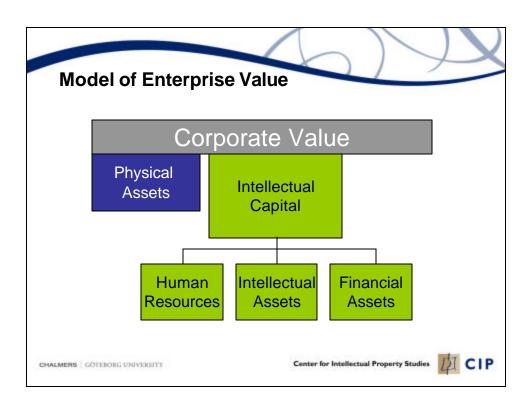


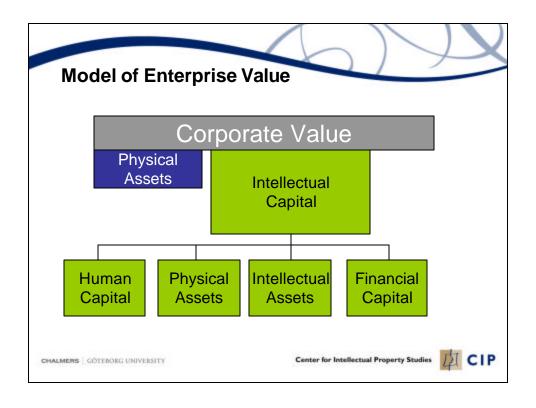


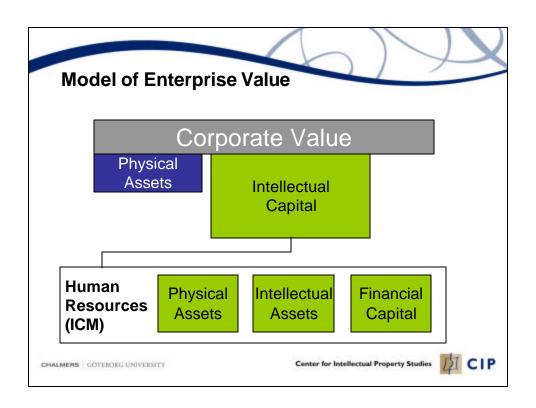


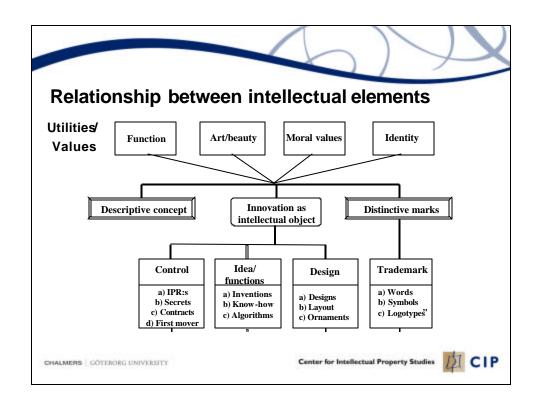


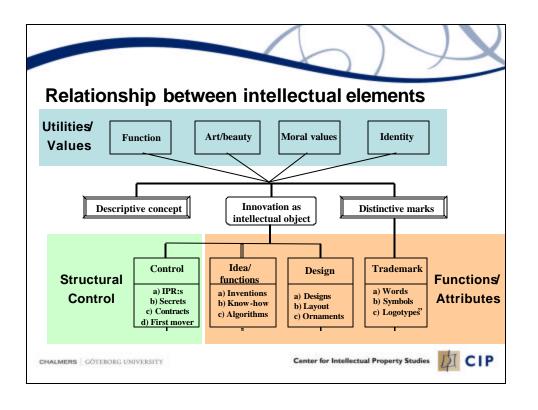




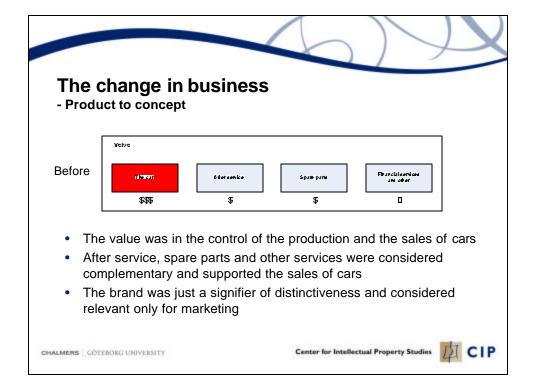


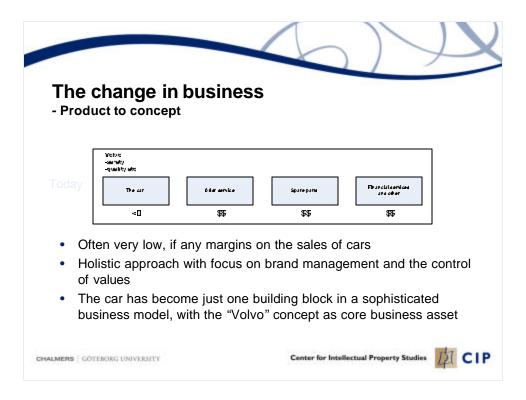


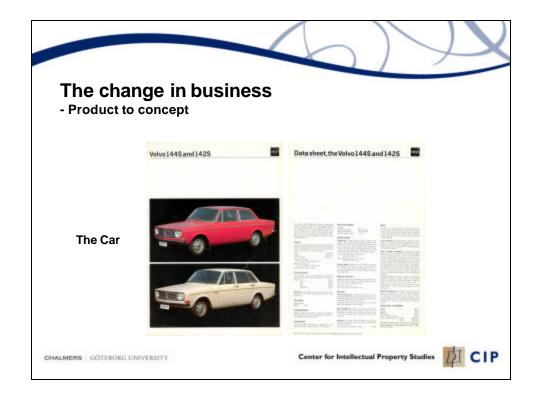


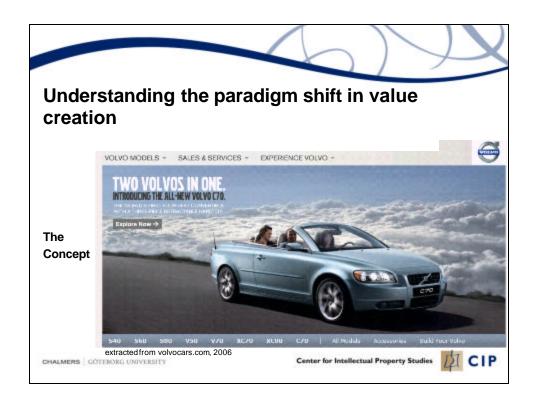


The value of a firm's IP/IC can not be separated from the competence of its IP/IC management.

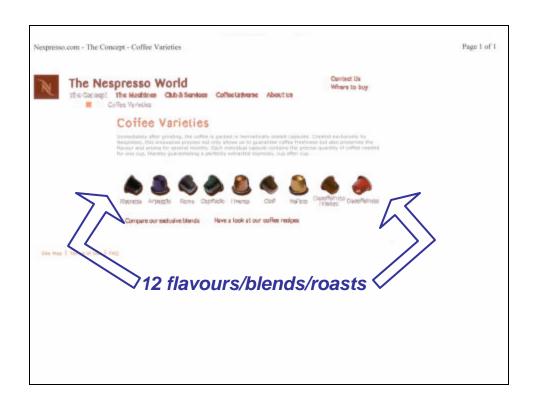


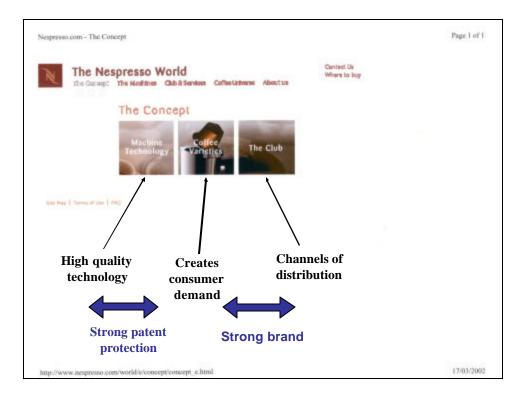












The role of property and capital in wealth creation

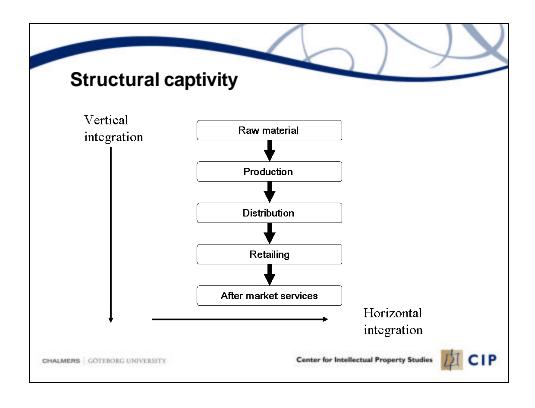
The total value of real estate not legally owned by the poor of the Third World and former communist nations is at least \$9,3 trillion... about twice as much as the total circulating US money supply... and nearly as much as the total value of all the companies listed on the main stock exchanges of the world's twenty most developed countries... twenty times the total direct foreign investment into all Third World and former communist countries in the ten years after 1989... forty-six times as much as all the World Bank loans of the past three decades, and ninety-three times as much as all development assistance from all advanced countries to the Third World in the same period.

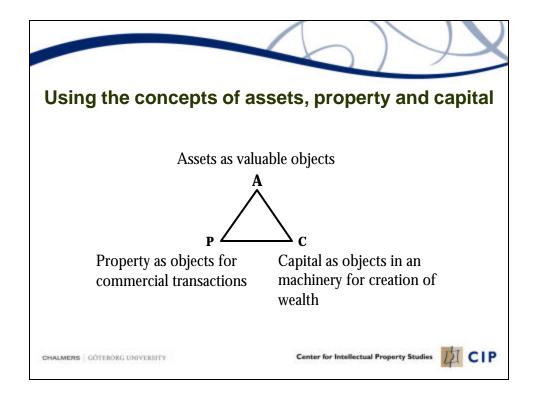
- Hernando de Soto, The Mystery of Capital

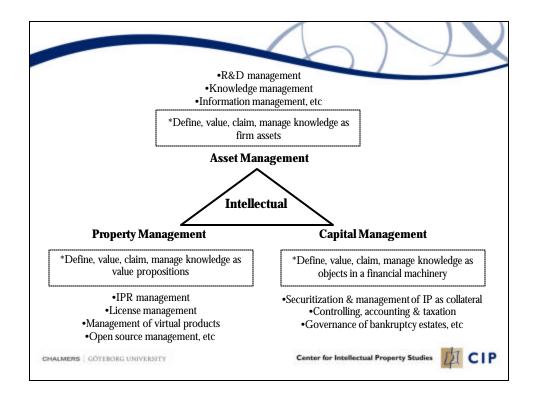
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IP at the core of the (control of) knowledge economy

- □ extract financial value
- develop new commercial transactions and relations
- □ organize creative efforts
- □ establish markets
- □ transform universities and innovation systems
- □ build an intellectual infrastructure

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Center for Intellectual Property Studies





Intellectual Asset, Property and Capital Management

Intellectual value creation

Creation of intellectual

- Ventures
- •Design right
- Trademark
- •Markets License Contract
- Standard •IP strategy

Patent

right

•Copyright

•Core value •Business idea •Business plan

Creation of intellectual

building blocks

Technology

•Know-how

•Knowledge

Trademark

Descriptive

•Feature

mark

•Artistic work

structures

- Innovations
- •Relations
- •Commons
- Infrastructures

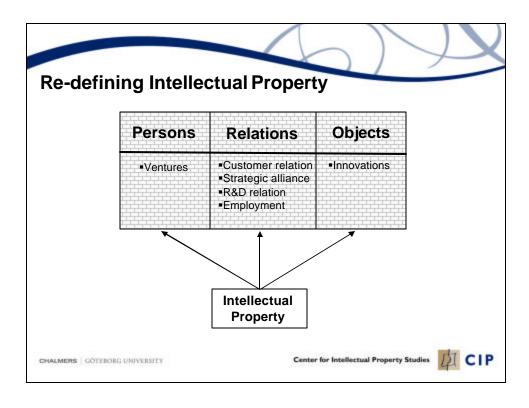
Financial value extraction

- •New value propositions
- •Increase price
- •Reduce costs
- •More venture capital for less equity
- Accepted collateral to generate more favorable loans
- •Securitize to generate capital

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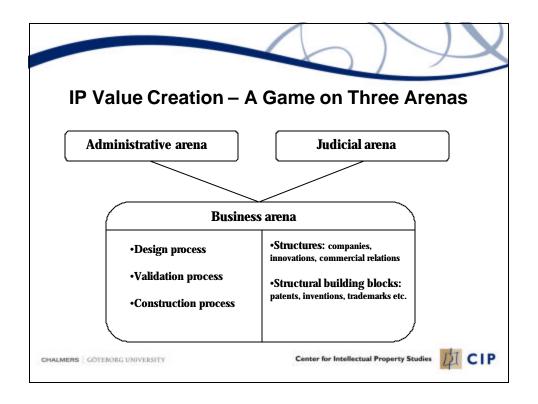


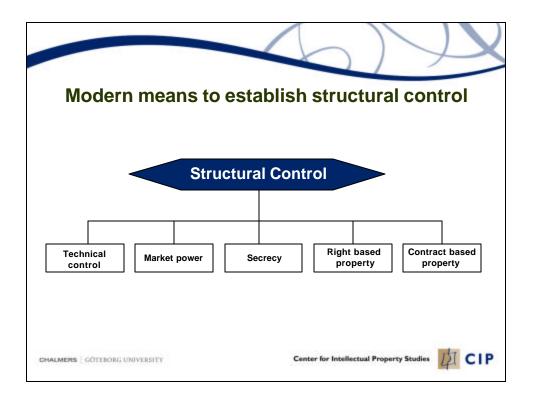
Evaluating IP as a Building Block

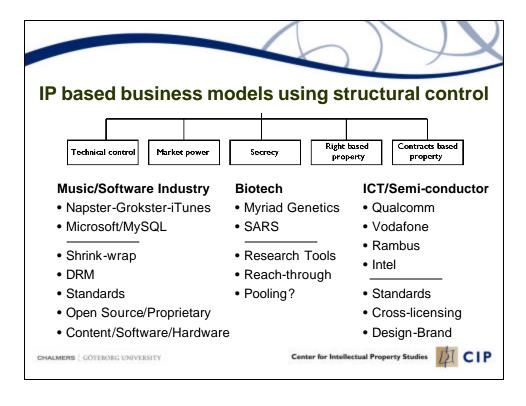
- Step 1. Preliminary definition of the substantial property
- Step 2. Preliminary evaluation of the human resources
- Step 3. Evaluation of the contextual usage of the property as a building block
- Step 4. Evaluation of the design process
- Step 5. Evaluation of the validation process
- Step 6. Evaluation of the communicative acceptance in the business aren
- Step 7. Evaluation of the dependence of other claims
- Step 8. Evaluation of the monetization of the substantial property
- Step 9. Evaluation of the income extracted and possible to extract

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What is the purpose of valuation?

Valuation standard

- Value in use (VIU)
- Fair Market Value (FMV)
- Cost to create (CTC)

Valuation contexts

- Management (strategic/operational)
- Market Transaction
- Financing (equity, debt)
- Bankruptcy
- Accounting

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Accounting context

- Management tool
- Financing tool
- Bankruptcy tool
- Taxation tool
- Reporting tool
- Relevance for Knowledgebased firms (KBF)
- Micro vs. macro



