Circulation in the Triple Helix

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Circulation of Individuals in Triple Helix
Newcastle Professors of Practice

• 1/2 time Chairs to attract technical entrepreneurs (and their firms)
• Role models for faculty and students
• Conflict to confluence of interest
• Jointly funded by University and Regional Development Agency
Novum Trivum

- Scientific/Technological Field
- Entrepreneurship and Innovation
- Language and Culture
Triple Helix Thesis

- University Plays leading role in Knowledge-based Society: shift from secondary to primary institutional sphere
- From Separate or Dominant to Overlapping Institutional Spheres
- Taking the role of the other e.g., university forming firms; government as venture capitalist; industry raising training to higher levels
Statist Triple Helix

- Government dominates other spheres
- Top-down bureaucratic co-ordination
- Large project mentality
- Industry: national champions
- University: primarily teaching institution
Laissez-faire Triple Helix
Laissez-Faire Triple Helix
Separate Spheres

• University: basic research and human resource provider
• Industry: Firms linked by market
• Government: limited to addressing market failures
• Individualistic mentality; heroic entrepreneur
• Interface Units Across strong boundaries
Hybrid Organizations and Actions e.g. Incubator Movements
The Triple Helix: University-industry-Government Innovation in Action

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