

Modernising Universities

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Why listen to me ?

- Professor, Dean of Grad School
- Edinburgh, Cambridge, Princeton, Imperial, Swansea, SUPA
- CEO UK Research Council: 7 yrs
- EURAB: First topic Universities
- EU: Forum on European Universities
- Board: Fermi Research Alliance
- Japan: World Premier Institutes

Competitive World

- Money
- Staff & Students
- Research vs Teaching vs KT
- Positioning Universities: Ambition
 - Global warming
 - New economy: Google
 - Ageing
 - Policy

European Environment

Universities

- National Constraints & budgets
- Concentration vs Spread
- Private vs State

Funding Agencies

Duplication and Fragmentation

Societal Needs Global Opportunity

- Market failure vs Societal needs.
- Venture Capital vs State funds.
- Old industry vs Surfing the Wave.
- Creative Destruction

Tactics to Improve Universities

Change Laws: Change Instructions: Stalinist
planning approach

Change Incentives: Bribe the academics.

Realism vs Despair

- Autonomous universities: winning!
- ERC: half way.

Next: across Europe

- Common peer review
- Strategy/Forward looks
- Mission driven
- Needs University support!

Selling European Science

- Boasting
- Science Strategy
- Scale Effects: CERN vs NASA
- Alpha Galileo
- Ambition
- **Sell yourselves Universities.**