FE Teaching & Learning Conference
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College of the Future > The Intelligent College

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CONTENT – 20mins 10:30 to 10:50

1. The Changing landscape
2. The **Intelligent** College!
3. NEF enriching the value chain

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The College of the Future -

THE CHANGING LANDSCAPE

The Changing Landscape

Politics

- Funding
- Policy and strategy
- Addressing social and global needs

Technologies

New and emerging

- Digital creativity
- Advanced manufacture
- Low carbon
- Teaching & learning

Market

- Learners
- Employers
- Sector / Regions

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Changing markets – Learners & Industry

- **Entering the pipeline…**
  - From school
  - From sometimes long-term unemployment
- **Current workforce**
  - Re-skilling and Up-skilling
  - Skills passports
- **Employer requirements**
  - JIT Training at point of need
  - CPD support

Thanet Wind Farm
- Largest in world
- £900m investment
- <20% to the UK
- 80% skills non-UK

Airbus A350
- Looking to India
- 160 engineers
- Growing to 400
- Dearth of UK skills

New Build Nuclear
- New skills for building
- Operation and safety
- 12,000 build 2021
- 5,000 operation 2026

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THE COLLEGE ROLE:

THE INTELLIGENT COLLEGE

IC Features -1 : Positioning

Establish a clear USP

- Expertise & disciplines
- Capability to deliver (people, processes, and infrastructure)

Engage in Horizon Scanning

- Markets & trends
- Products & services
- Technologies
- Competition

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IC Features -2 : The Teachers

Establish a Progressive CPD Strategy

- Secondments in industry
- Reflect business context in teaching & learning
- New learning technologies

Knowledge Transfer Professionals

- Engage in applied research
- Respond to employers
- Embraces innovation (design, delivery, engagements etc)

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IC Features -3 : The Learners

Offer real & relevant experience

- Inventive and exciting
- Inquiry based & progressive
- Learner centric & personalised

Flexible & contemporary learning

- Delivery modes
- Clever use of technology
- Collaborative & cross-curricular

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IC Features -4 : The College

Not reliant on State funding

- Diversified sources of income
- Smarter use of assets
- Vision beyond the local catchment

Quality Speaks!

- Not just OFSTED scoring!
- Consistency in practice
- Impact - employer confidence!

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IC Features -5 : Ethos

Innovation in the true sense!

- Teaching & Learning; Business / employer engagement; Access to resources , etc.
- Effective use of knowledge and technology transfer

Green in delivery & practice

- Curriculum in Low Carbon & Sustainability
- Resource & energy efficient, renewable technologies, energy saving devices & practices

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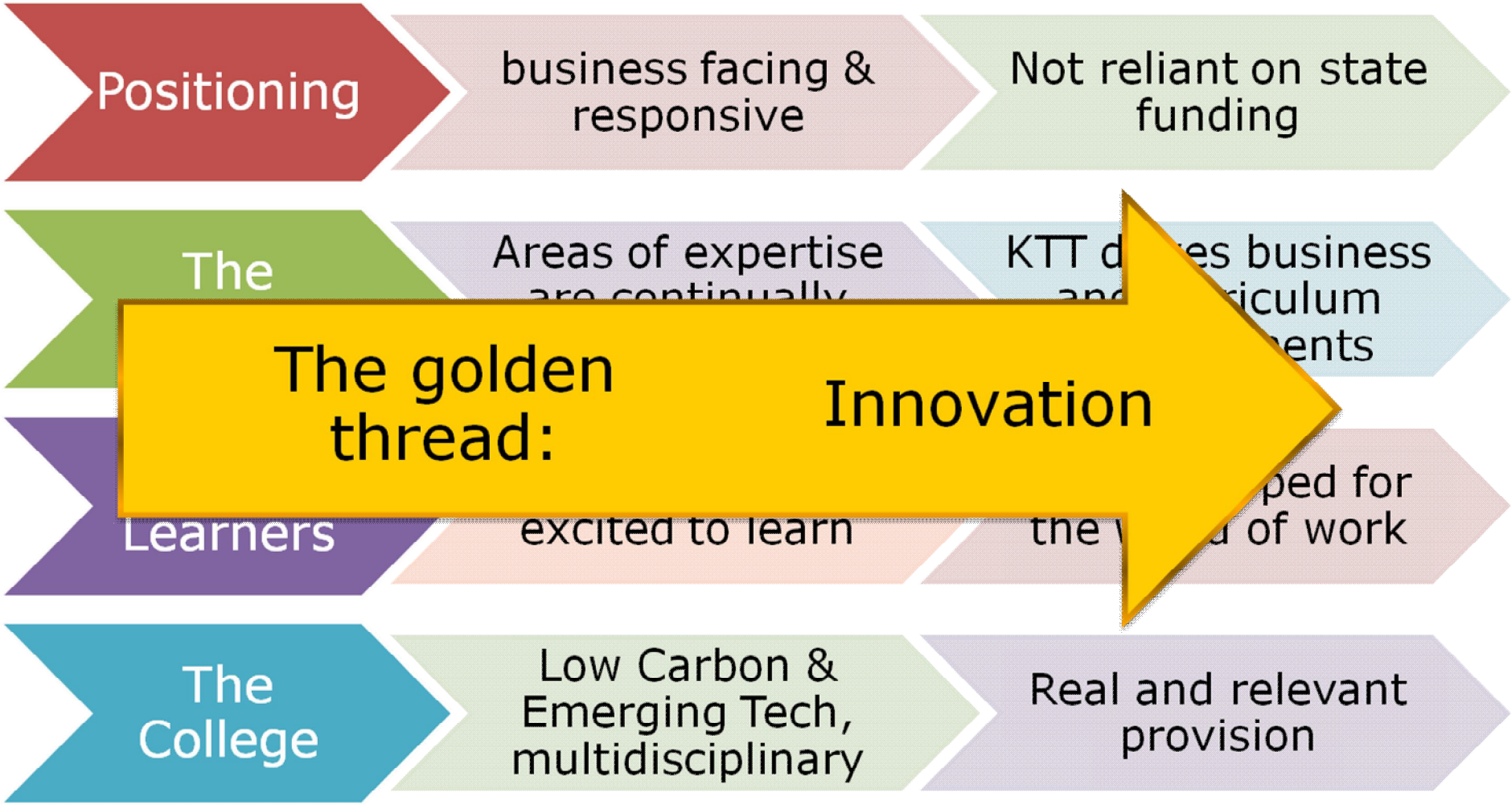
In summary- the IC Credentials



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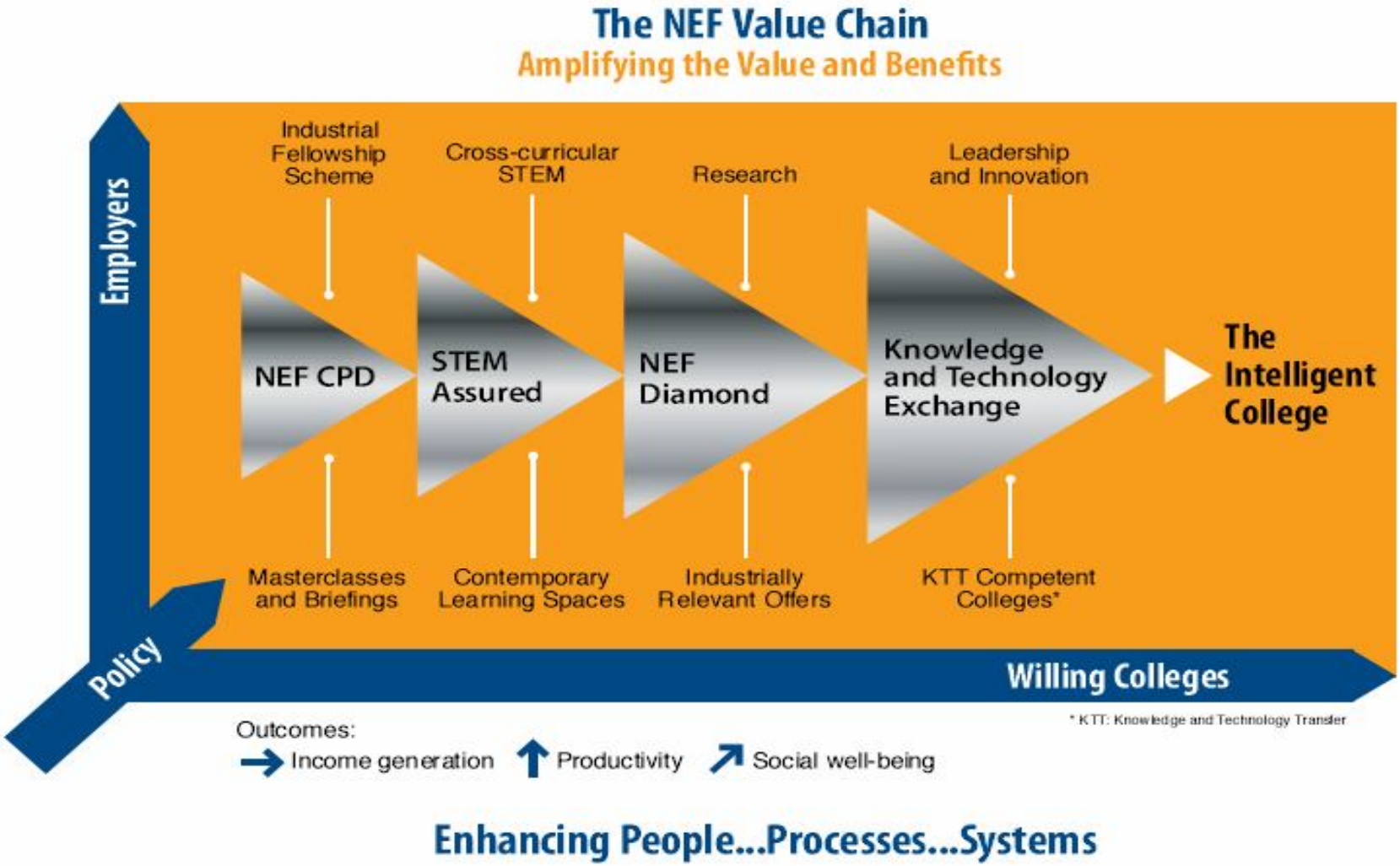
WHAT ARE WE DOING?

Supporting Colleges to Achieve the Intelligent College Status !



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The Intelligent College Award

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Thank You

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