The challenges

- Lack of co-ordination amongst data collectors
  - Duplication
  - Lack of standardisation
  - Drives un-coordinated responses from HEIs
- Data capability issues
  - Data management and governance
  - Desire to drive value from data
- The senior view
  - It’s all about “burden”...
  - ...but we don’t know what that is
What has HEDIIP done?

- Inventory of data collections
- 523 separate HE data collections
- 93 organisations collecting student data every year
- Data language - lexicon and thesaurus
- Review of Student Data Collections

All published at www.hediip.ac.uk
Adoption plan for the ULN

- ULN as a ubiquitous personal identifier
  - Facilitate linking/sharing of data
  - Where can ULN be captured for a student
  - Mechanisms to access and verify the ULN data

- ULN as key to the Personal Learner Record
  - Aiding the admissions process
  - Qualification verification

  - Writing HE achievement to the PLR?
  - Writing the HEAR to the PLR?

Adoption plan for the ULN

- Relationship with the Scottish Candidate Number
  - Well established ID in Scotland
  - HE students more likely to cross boundaries

  - We need to bridge between these numbers...
  - ...and find ways to share qualification information

- Plan for adoption – Spring 2015
  - Which students?
  - When?
  - Changes to systems and processes?
  - All linked to benefits
Subject coding

Stage 1
- Detailed requirements analysis

Stage 2
- A new subject coding framework
- Population of that framework
- A standard approach to implementation

Subject coding - requirements
- A very broad conversation; diverse views and requirements
- Detailed analysis and grouping; identification of principles
- Publication
- More requirements flushed out!
Subject coding – a new framework

- Proposals for a new framework
  - 6-digit
  - Non-hierarchical

- Population of framework

- Governance and maintenance processes

- Consultation next month

Data capability

- Standards of data management and governance are variable
  - Inefficiencies contributing to reporting “burden”
  - Undermining investment in BI & Analytics
  - Evidence of massive data duplication
  - Breaking the law?

- Define different aspects of activity
  - Look to existing resources (eg DAMA)
  - Other relevant areas (eg ISO27001, ISO9001)
**Data capability**

- Tools to self-assess and improve
  - A capability/maturity matrix – self assessment
  - Pointers to existing resources
  - Identifying gaps

- Benchmarking results?
  - Promote and develop a shared understanding of what “good” is
  - Strong link between capabilities and benefits

**New Landscape**

- What should a redesigned landscape look like?

- How will we know if/when we have succeeded?

- What are the next steps on this journey?

- Report March 2015
New Landscape project

- KPMG were appointed last year
- Building on previous studies
  - A pathway to reform (RPG, 2012)
  - Student Data Collection Review (HEDIIP, 2014)
- Extensive engagement
- Drawing on expertise and experience from other sectors

Governance

- What does “governance” mean in this context?
  - How might it work?
  - How will it achieve buy-in or authority?

- What will it involve?
  - Inventory of collections?
  - Inventory of (standard) definitions?
  - Universal challenge process?

- Implementation?
  - Single interface?
  - Re-designed HESA collection process?
  - Shared data dictionary systems?
Driving change

- Buy-in to the model
  - Change owners?
  - Benefits?
- Next round of HEDIIP planning
- Informing plans for HEDIIP stakeholders
- What is the role of those who providing and support systems?

Stay in touch

Email: info@hediip.ac.uk

Twitter: @HEDIIP

Discuss: HEDIIP@jiscmail.ac.uk

Web: www.hediip.ac.uk
Redesigning the information landscape

Andy Youell – Director, HEDIIP