



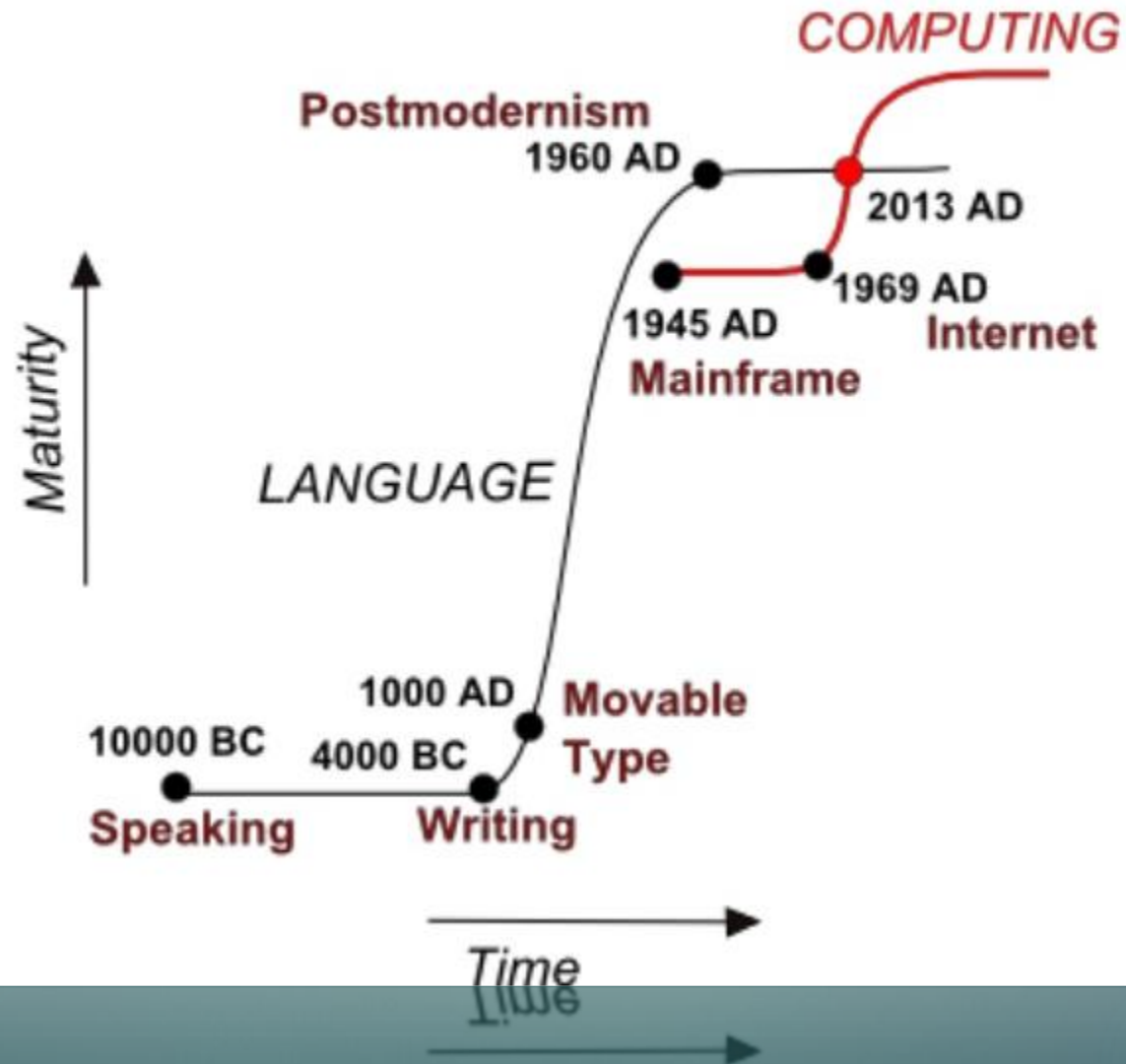
IPTEK, PENDIDIKAN TINGGI ERA RI-4.0_INOVASI & KREATIVITAS PEMBELAJARAN

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STADIUM GENERALE PASCASARJANA UNIBOS, 5 FEBRUARI 2018



- Perkembangan Sainstek sangat pesat memberikan dampak kehidupan manusia.
- **Banyak kemudahan dan inovasi** yang diperoleh dengan adanya dukungan teknologi digital. Layanan cepat,, memiliki jangkauan koneksi. Hidup menjadi lebih mudah dan murah.
- **Dampak ERI 4.0** : Peran manusia setahap demi setahap berganti mesin otomatis. Akibatnya, jumlah pengangguran semakin meningkat.
- Hal ini tentu saja akan menambah beban masalah lokal maupun nasional. Oleh karena itu, untuk memanfaatkan peluang dan menjawab tantangan ERI 4.0
- Dosen, mahasiswa dan alumni Pascasarjana UNIBOS wajib memiliki berkemampuan literasi data, teknologi dan manusia

Computing Disrupts Language



Keterampilan Belajar Baru...

Fokus : Program, design, peta belajar, deeply, kurikulum riset, online net enviromental

Sedang berlangsung:

- Pedagogi
- Andragogi

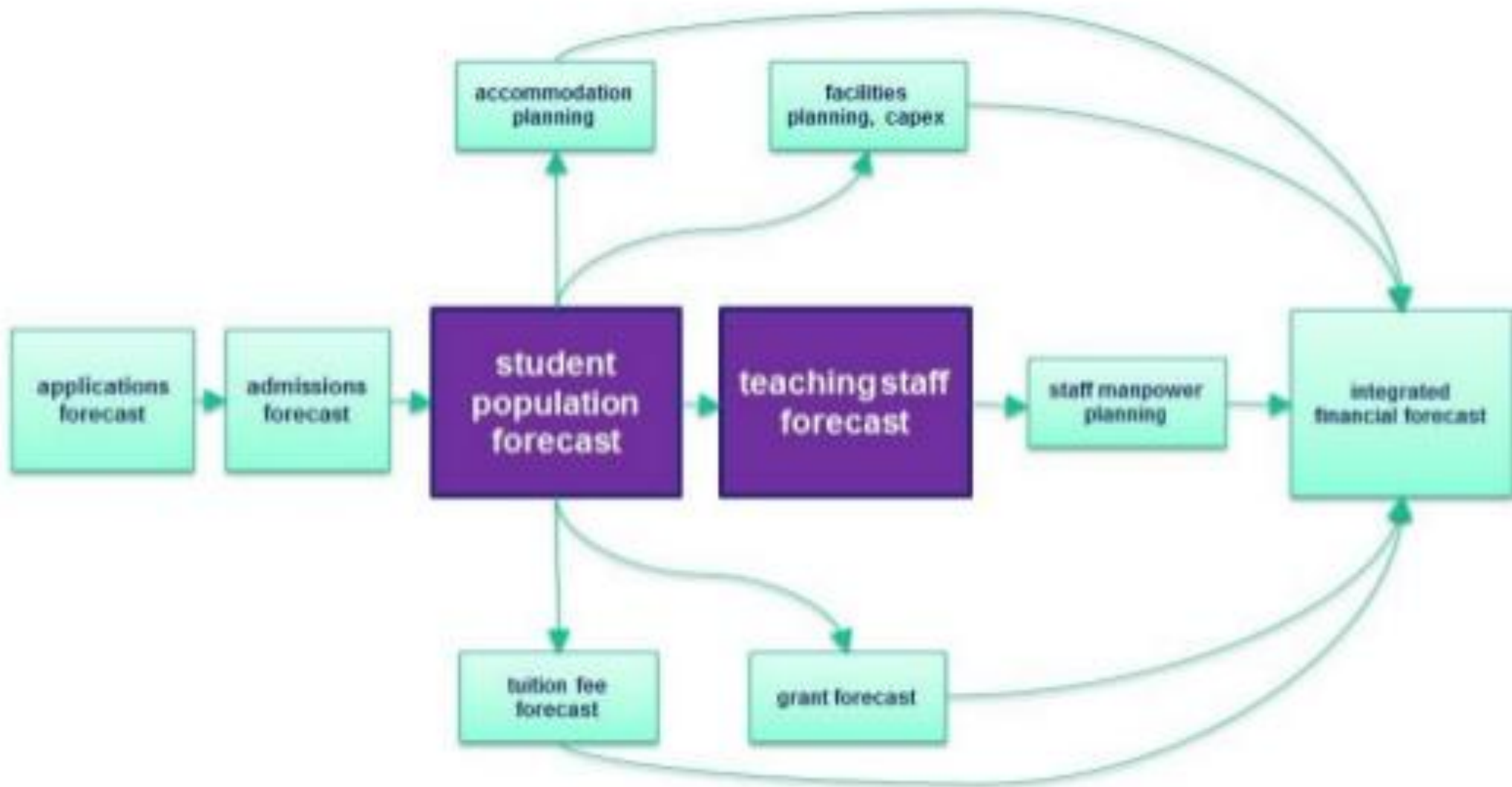


Learning:

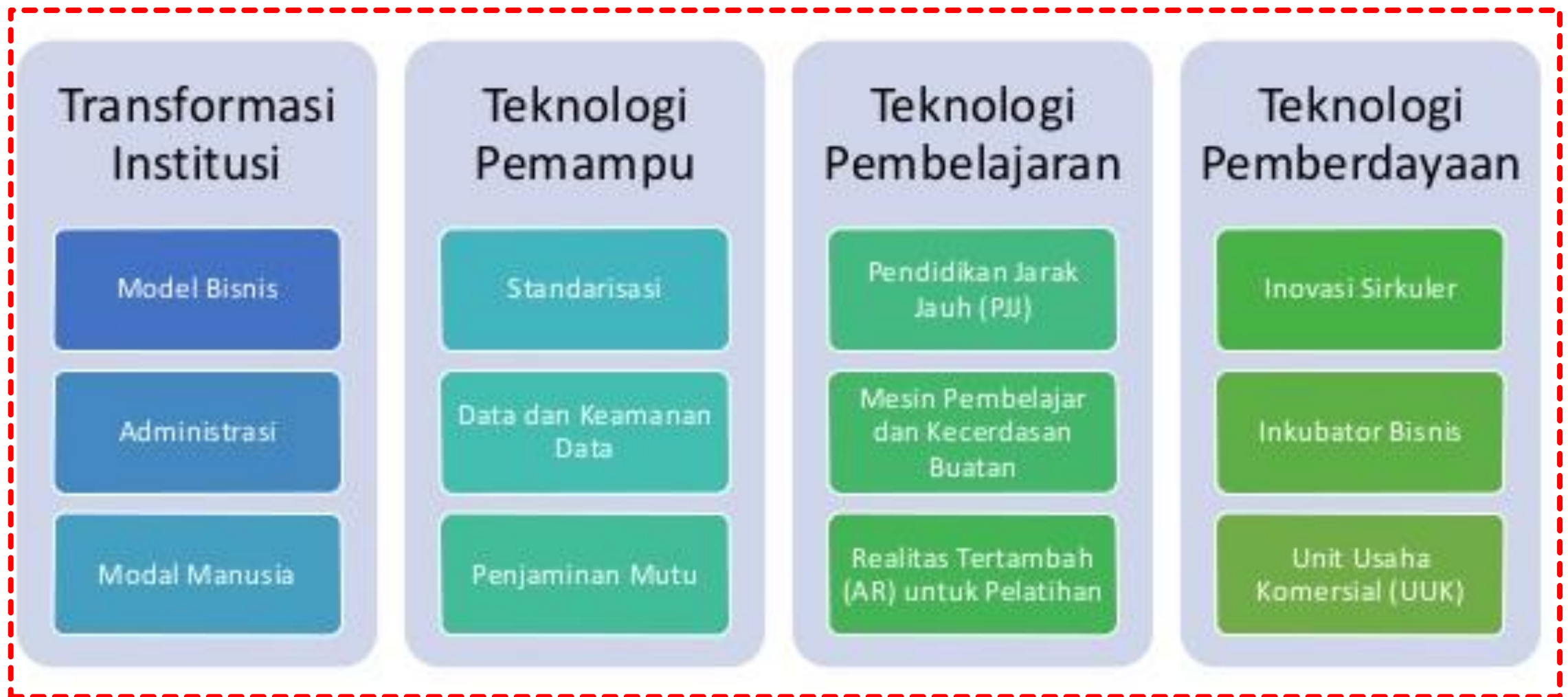
1. what knowledge to learn,
2. what skills to acquire,
3. what experiences to undertake, and
4. what personality to develop.



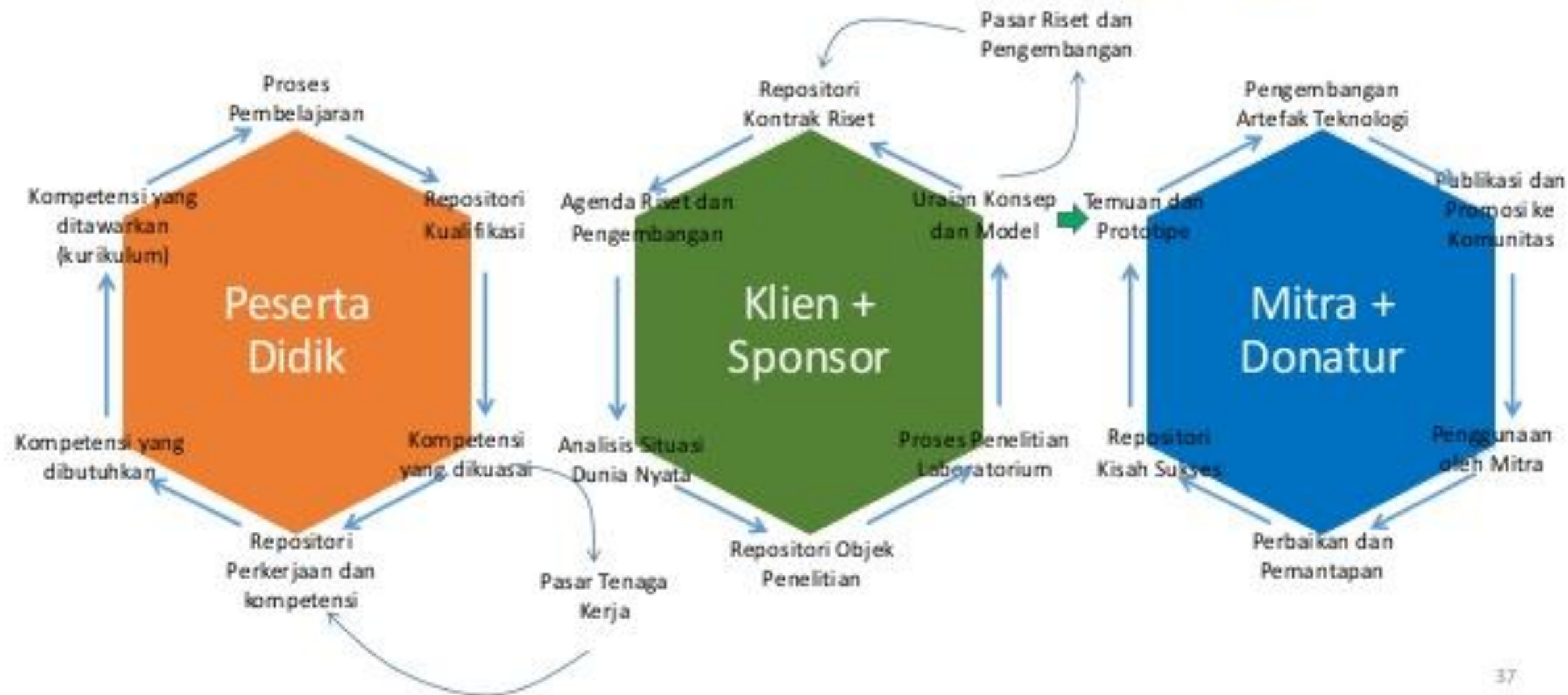
Model Bisnis Konvensional



Peluang Universitas 4.0



Wahana Universitas 4.0: Ko-Kreasi + Ko-Inovasi via Teknologi Digital





Case Studies for Urban Design & Planning of Makassar City-Indonesian

An International Perspective

Planner: innovative and creative

Challenges Ahead ERI 4.0

• Globalization

- Flexible Accumulation & Movement of asset & investment, Global Restructuring of Financial Market
- Changes in Production/Distribution-Supply Chain,
- Emergence of IT, Space and Time Compression
- Global Community – cross culture influence and global identity/branding

Challenges Ahead ERI 4.0

- **Urbanization**
 - more than 50% globally, live in urban
 - pressure on urban poor and environment
 - edge/satellite cities, creating traffic & urban expansion
- **Global Warming & Energy Deficiency**
 - Continuous use and dependence to non-renewable energy
 - Rising price of oil worldwide & energy crisis
 - Pollution and global heating, rise of sea level
- **Decentralization**
 - More power/authority/flexibility to regulate and plan the cities
 - But, with significant decrease of state/central government budget
 - Readiness of local government

Recent Issues in City Planning

1. Strategic Positioning of Cities

- Clearer vision and long term objective
- Cities' respond and positioning to globalization & decentralization: capture investment & flow of capital
- Cities striving to be 'Sustainable Global Cities'
- Various scale consideration: from local to district, city, regions and beyond



terima kasih IPTEK, PERGURUAN TINGGI, ERI-4.0_INOVASI & KREATIVITAS

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