Full-Time Studies   Semester 1, 2
WINTER SCHOOL

Module 4 European Studies through Digital Management

Practical workshop No. 3

Topic 3: Digital Strategies for European Institutions

Part 1: Key Digital Transformation Strategies in European Institutions

1. **The EU's Vision for a Digital Europe**
   o The **Digital Decade Policy Programme 2030**: Strategic goals for digital governance, cybersecurity, and AI regulation.
   o The role of **digital sovereignty** and reducing reliance on non-EU technologies.
2. **Core Digital Strategies Across European Institutions**
   o **European Commission**: Leading digital policy development (e.g., Digital Services Act, AI Act).
   o **European Parliament**: Using digital tools for citizen engagement and transparency.
   o **European Council**: Coordinating member states' digital policies and investments.
3. **Key Technological Priorities for EU Digital Strategy**
   o **Artificial Intelligence (AI) and Big Data** for policy monitoring and decision-making.
   o **Blockchain and digital identity systems** for secure governance and cross-border transactions.
   o **Cloud computing and cybersecurity** for digital resilience and data protection.
4. **Challenges in Implementing Digital Strategies at the EU Level**
   o **Fragmentation**: Ensuring harmonization across 27 member states.
   o **Cybersecurity risks**: Protecting institutions from cyberattacks and misinformation.
   o **Balancing innovation and regulation** in emerging technologies.

Part 2: Case Studies and Future Trends in EU Digital Strategies

1. **Successful Digital Transformation Initiatives in the EU**
   o **The European Digital Identity (EUDI) Wallet**: Enabling seamless digital authentication across member states.
   o **The Single Digital Gateway**: Simplifying access to administrative services for EU citizens.
   o **EU Open Data Portal**: Promoting transparency and data-driven governance.
2. **The Role of Funding and Investments in Digital Innovation**
   o **The Digital Europe Programme**: Funding AI, cybersecurity, and digital skills training.
   o **NextGenerationEU**: Supporting post-pandemic digital recovery efforts.
   o **Horizon Europe**: Financing digital research and technological development.
3. **Cross-Border Digital Cooperation and Strategic Partnerships**
   o **GAIA-X**: A European cloud initiative to ensure data sovereignty.
   o **EU-U.S. Trade and Technology Council (TTC)**: Collaborating on digital regulations and AI governance.
   o **Interoperability Frameworks**: Enhancing digital cooperation between member states.
4. **Future Trends in EU Digital Strategies**
   o The impact of **AI-powered governance and decision-making**.

- Expanding **digital democracy** through e-voting and citizen consultation platforms.
- Strengthening **quantum computing and cybersecurity** for next-generation digital infrastructure.