e-Planning Core

•Introduction to e-Planning

2007-22

Pedro Ferraz de Abreu

UL - UNL - UA

e-Planning Joint PhD Program

Fundamentos de e-Planning

•Introdução ao e-Planning

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Programa Doutoral Conjunto e-Planning

e-Planning Core

Course Goals:

- To introduce the overall theory of e-Planning and the bodies of knowledge of this scientific domain
- To enable understanding the nature of the new Information and Communication Technologies
- To acquire essential literacy on e-Planning
- To familiarize with the boundaries of the research agenda on e-Planning
- To build a scientific identity common to all members of the e-Planning scientific community
- To provide the basis for an ethic of technology in planning and corresponding value system

(ICT - Information & Communication Technologies)

e-Planning Core

Course Syllabus:

01. e-Planning Research Agenda: Roots and Concepts
02. **The Qualitative Jump of the new ICT and its Impacts**
03. Internet, World Wide Web and XXIc Communication
04. Theories of Information, Communication and Knowledge Representation
05. **Geopolitics of the Information Society and the ICT revolution**
06. **Public Policy and Regulation in the context of new ICT**
07. Theory of Transients: Regulated Systems vs Disruption
08. **The Challenge of Privacy & Liberties vs. Eficiency & Security**
09. Spatial Analysis and Geo-referencing in Planning
10. e-Government vs. Service Automation
11. 'Smart Cities', Inclusion and Sustainability
12. ICT as a new dimension of Land-use Planning
13. Planning Paradigms and the role of ICT
14. **ICT and Public Participation in Decision and Planning**
15. ICT Ubiquity and the new Social e-Networks
16. Netiquette - Ethics in e-Planning

(ICT - Information & Communication Technologies)

Fundamentos de e-Planning

Objectivo da Unidade Curricular

- Apresentar a teoria em e-Planning e as fronteiras desta `area cientifica
- Apresentar o corpo do conhecimento e-Planning enquanto dominio cientifico
- Definir o ambito e natureza do Planeamento, nas diversas escolas de pensamento
- Permitir entender a natureza das novas Tecnologias de Informação e Comunicação
- Adquirir a literacia fundamental em e-Planning
- Familiarizar com as fronteiras da agenda de investigação e-Planning
- Construir uma identidade cientifica comum na comunidade e-Planning
- Dar as bases para uma ética da tecnologia em planeamento e seus sistemas de valores.

Fundamentos de e-Planning

Conteudo Programático da Unidade Curricular

01. Agenda de Investigação e-Planning: Raizes e Conceitos
02. O Salto Qualitativo das novas TIC e seus Impactos
03. Internet, World Wide Web e Comunicação no sec. XXI
04. Teorias de Informação, Comunicação e Representação do Conhecimento
05. Geopolitica do Desenvolvimento na Sociedade de Informação
06. O contexto das novas TIC nas Políticas Públicas e Regulação
07. Teoria dos Transientes em Planeanamento: Sistemas Regulados vs Rupturas
08. Desafios de Privacidade & Liberdades vs. Eficiência e Segurança
09. Analise Espacial e Geo-referênciação em Planeamento
10. e-Government vs. Automatização de serviços
11. 'Smart Cities', Inclusão e Sustentabilidade
12. As TIC como uma nova dimensão do Ordenamento do Território
13. Paradigmas do Planeamento e o papel das TIC
14. As TIC e a Participação Publica na Decisão e no Planeamento
15. A Ubiquidade das TIC e as novas e-Redes Sociais
16. Netiquette - A ética em e-Planning

(TIC - Tecnologias de Informação e Comunicação)

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•The Scope of e-Planning

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• The Roots of e-Planning

- **The Scope**
- The Vision
- The Foundations
- The Agenda
- The Build-up

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• The Roots of e-Planning

- What is Planning?
  - Anglo-saxonic/USA school of thought
  - Latin EU/Portugal school of thought
- What is the "e" in e-Planning?
  - ICT ... what and why?
  - ICT role - not just tools
- What is e-Planning?
  - The consultant approach
  - The oportunity approach
    ISCSP-12, FCSH-12,
  - The narrow-breadth taxonomies
    FCULDI-14, FCTUNL-17, UA-18, FA-UL22?
  - The casuistic definitions
    A3Es-14
  - The e-Planners path - transdisciplinarity

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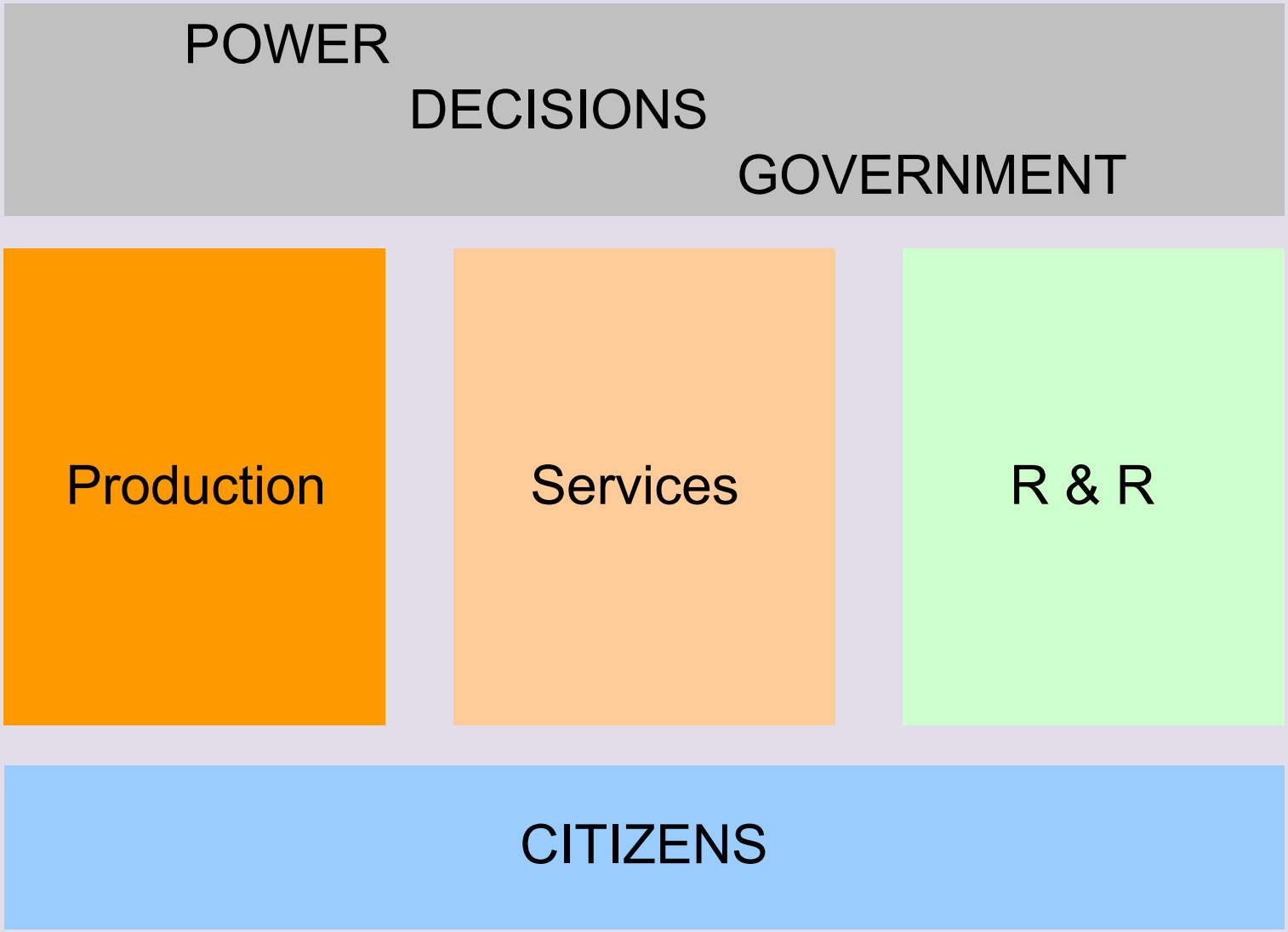
• The Roots of e-Planning

PFA "Functional Canonic Model of Society" (2003)



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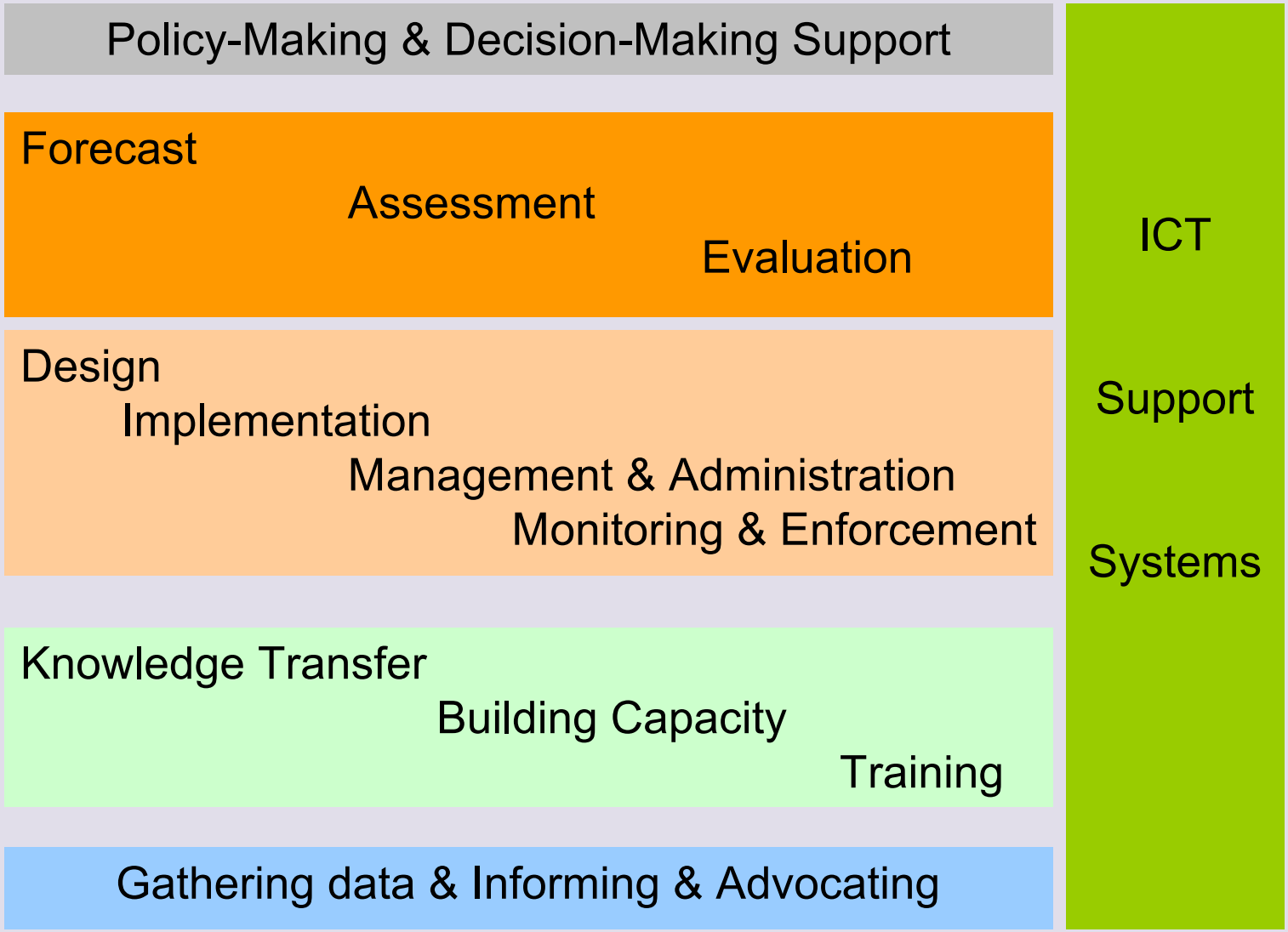
• The Roots of e-Planning

PFA model of "Traditional Planning Roles & ICT" (2003)



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• The Roots of e-Planning

e-Planning embodies a new paradigm of Technology with Social Sciences

Going past the traditional "blackbox" disciplinary approach…

Social Science	=>	Technology from a "user" point of view	=>	Outsource technology to Engineers
Technology	=>	Social science from a "consultant" point of view	=>	Outsource social study to Social Scientists

… the new ePlanning synoptical transdisciplinary approach:

Social Scientists	<=>	Develop technology understanding social science; and develop social science with understanding of technology	<=>	Technology Scientists & Engineers

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www.e-planning.org

www.labtec-ts.net

www.citidep.net

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