



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

FIG COMMISSION 7
Cadastre & Land Management

Commission 7, Land Administration and IT

Paul van der Molen



INTERNATIONAL INSTITUTE FOR GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



FIG Commission 7 on cadastre and land management



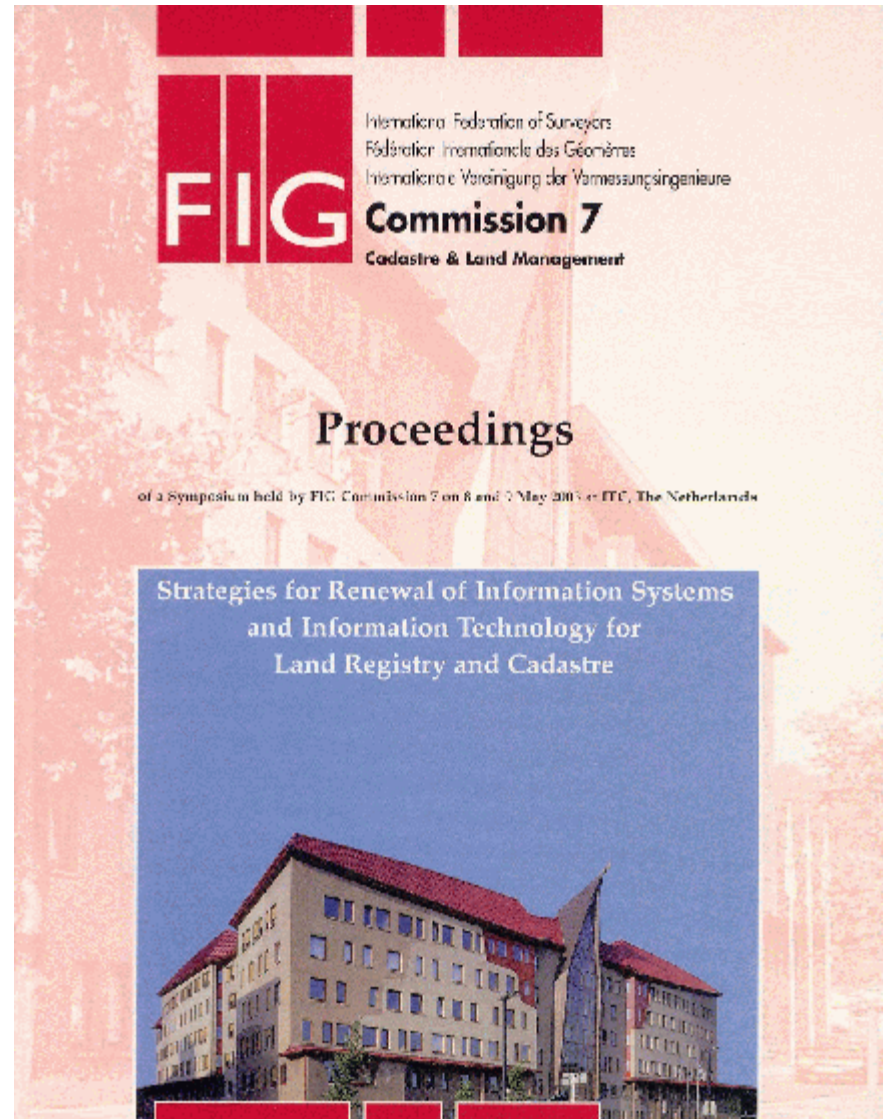
Study Visits (e.g. Poland) 2003



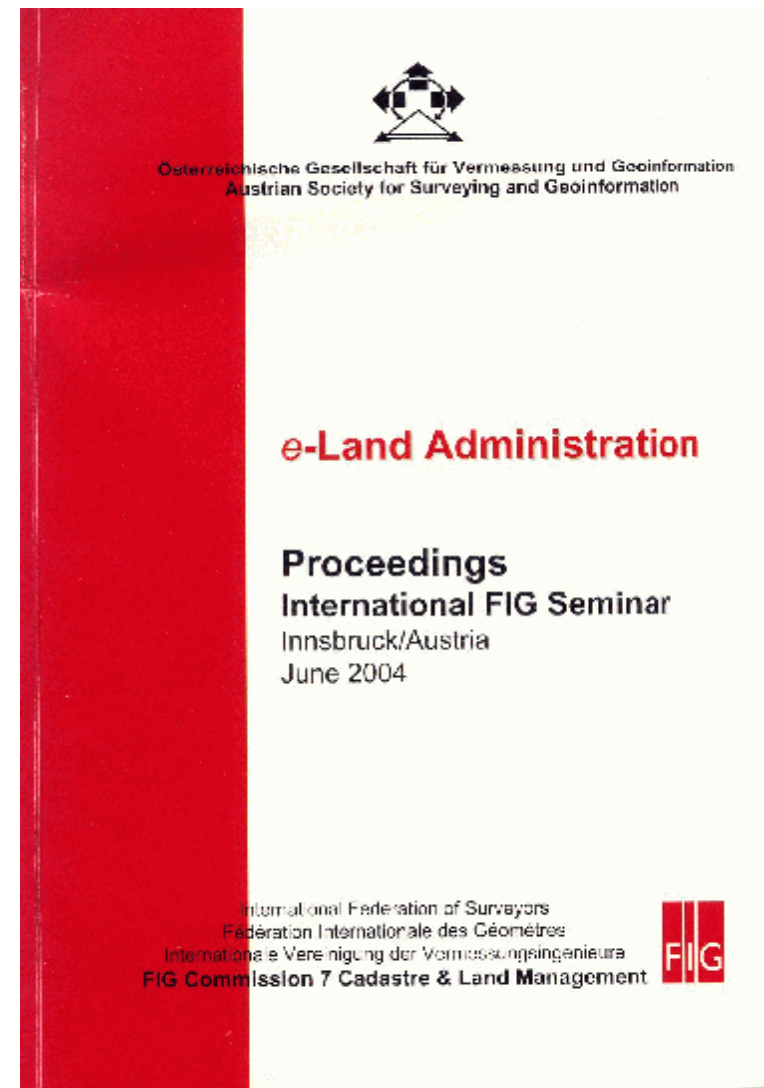
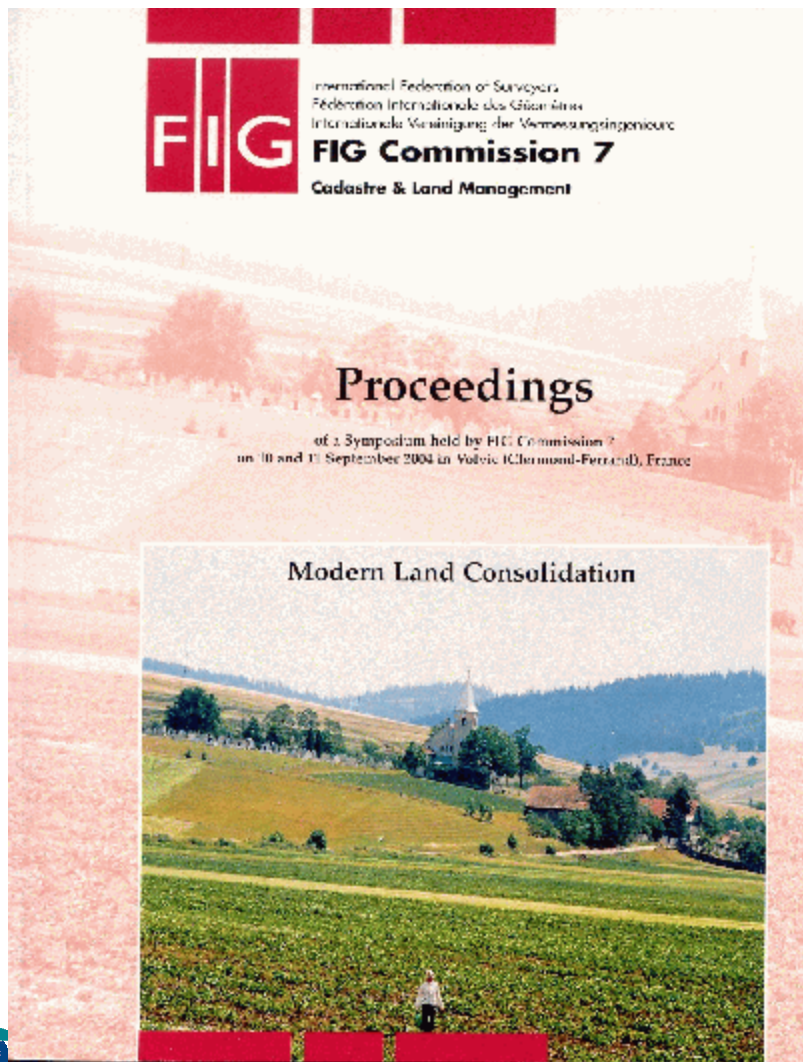
Field Work e.g. France 2004



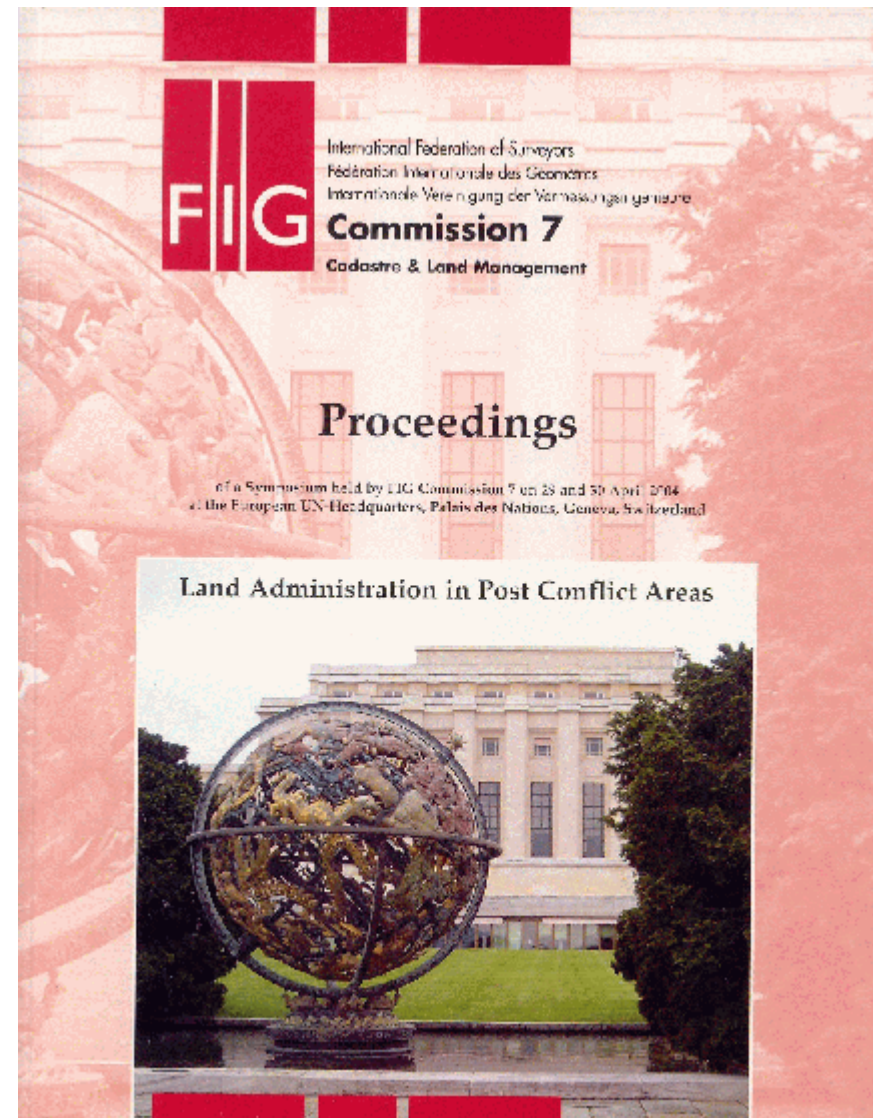
Publications and CDROM's



Publications



Publications and CDROM's



Famous 'Cadastre 2014' report



Digital library: www.oicrf.org



OICRF-FIG

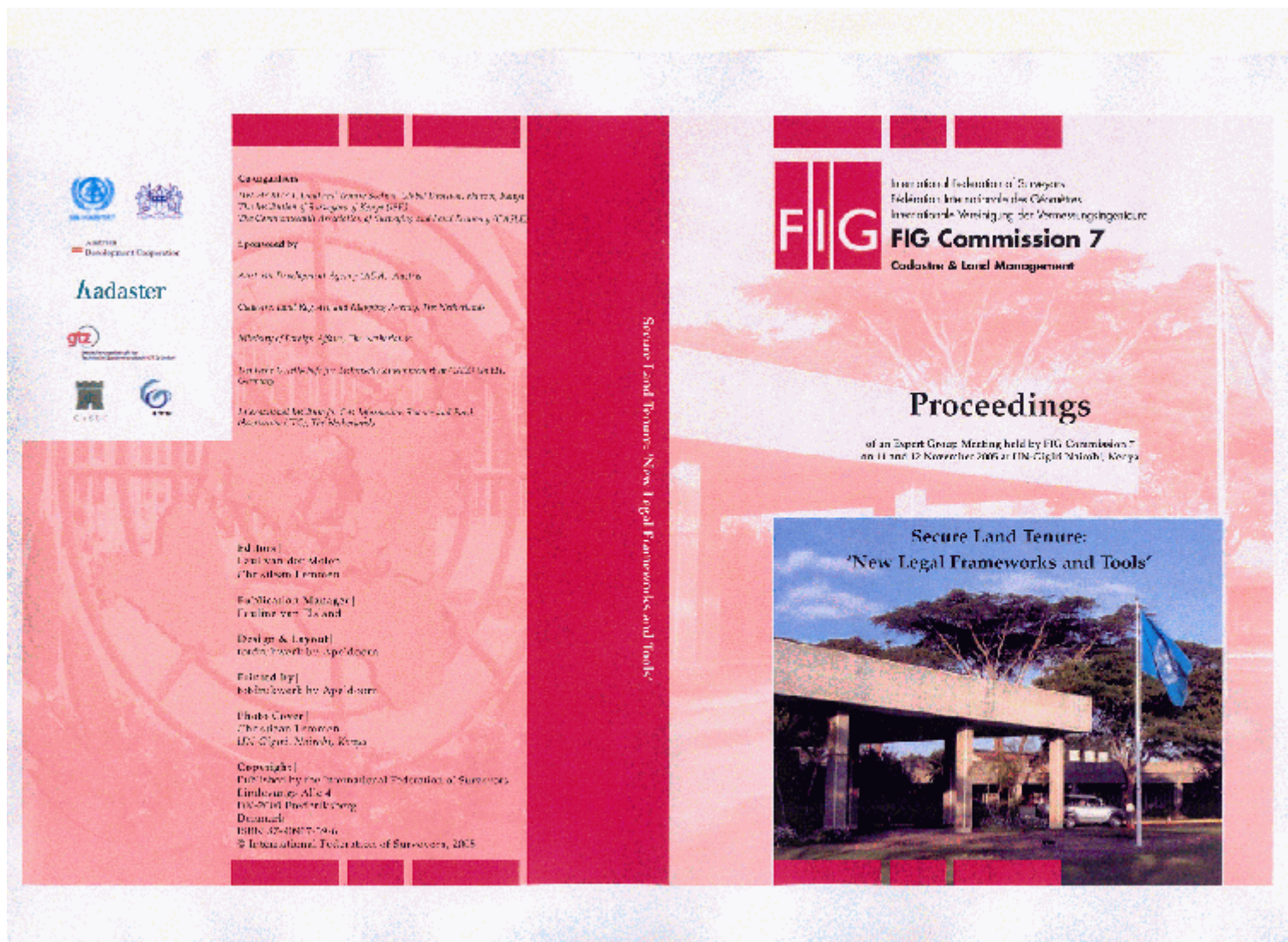
OICRF



FIG

- International Office of Cadastre and Land records
- Office International du Cadastre et du Régime Foncier
- Internationales Amt für Kataster und Grundbuchwesen

Publications 2005 expected: Nairobi, Madison, Amman and Bangkok



Land: a political issue



- § UN/ECE 1996 Land Administration Guidelines
- § FAO 2002 Land Tenure and Rural Development
- § UN/Habitat 2003 Handbook on Best Practices, Security of Tenure and Access to Land
- § UN/Habitat 2003 Pro Poor Land Management
- § World Bank 2003 Land Policies for Growth and Poverty Reduction
- § EU 2004 Guidelines to support land policy design and reform processes in developing countries
- § World Bank 2005 Doing Business: Remove Obstacles to Growth

Common approach



- § Only innovative institutional arrangements can cope with increasing populations, greater investments in land, economic growth and more social welfare.
- § Lack of these arrangements lead to land grabbing, conflict, resources misuse, undermines productive and economic potential.



What to do?



- § Exclusive focus on formal title proven inappropriate
- § Much greater attention to existing institutional arrangements
- § Stronger rights for women, herders, indigenous people
- § Avoid uncritical emphasis on land sales markets
- § Rental markets provide more equity, productivity, long term investments, if restrictions are eliminated
- § Land reform can only be fully utilized if requirements and scope of intervention is carefully compared with others
- § Land issue is part of a broader development policy

Impact on land administration

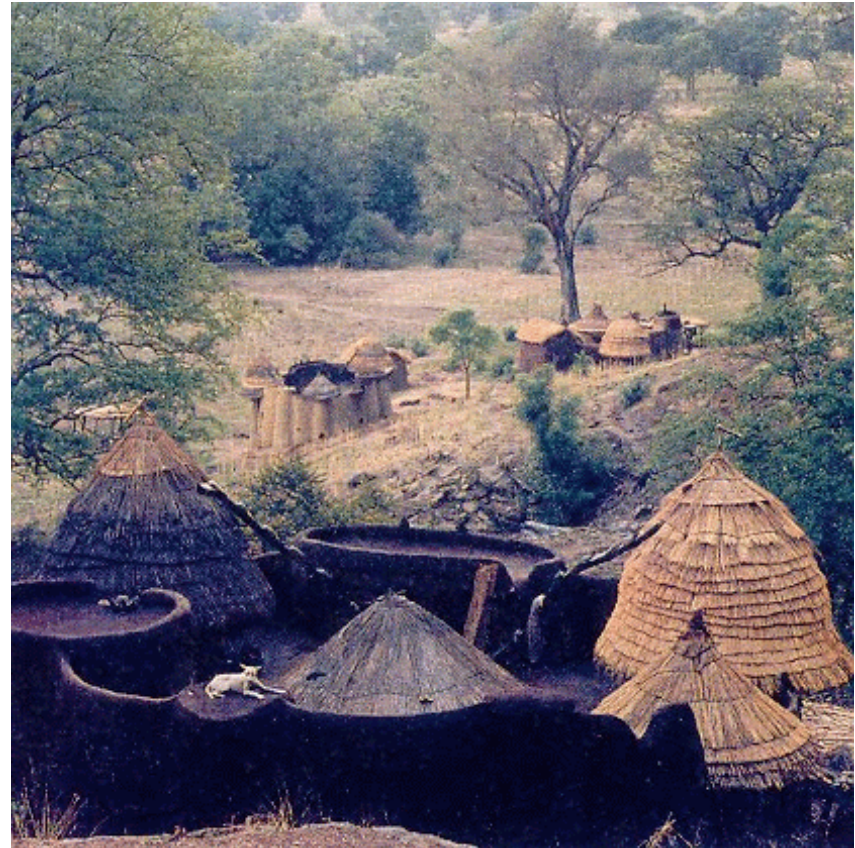


- § Innovative definition of property rights
- § Simple procedures, quick, and low transaction costs
- § Simple transparent systems, participatory
- § Low cost
- § Efficient and effective
- § Free from political pressure
- § Low cost demarcation
- § Mechanisms conflict resolution
- § SDI at low cost, transparent and accessible for linking registers of different categories and at different levels

Observations



- § Village titles
- § Certificates of occupancy
- § Group ranch title
- § Flexible title
- § Co-ownership
- § Communal titles
- § Anti-eviction orders



Observations



- § New data-acquisition methods (orthophoto, satellite imagery, LIDAR, GPS, video)
- § Other forms of spatial units
- § GIS and SDI



Observations



§ Land redistribution and land reform: how to do??



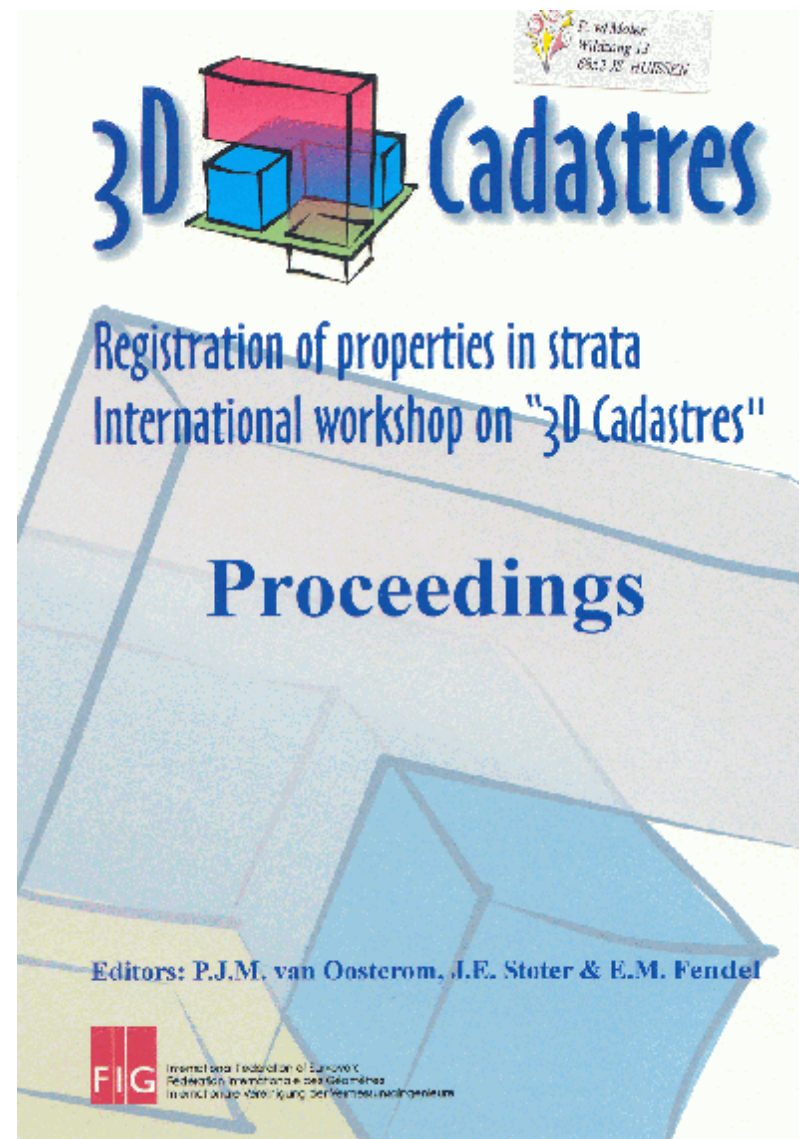
§ Land administration on post conflict areas: how to do?



Challenges developed countries



- § 3D legal objects and registration
- § Subsurface topography
- § Public encumbrances
- § Datasharing and dataintegration
- § Authentic registers



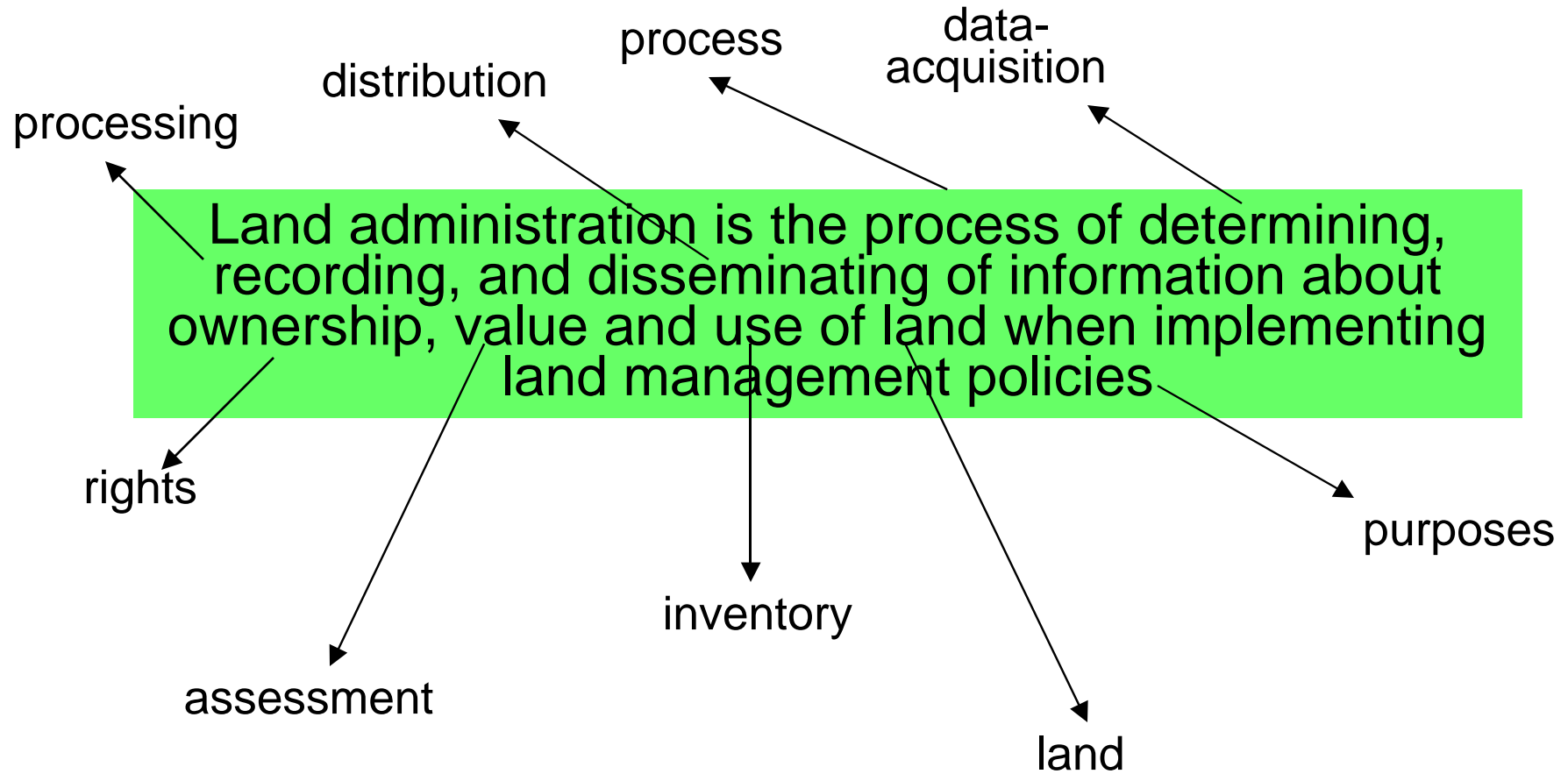
Challenges developed countries



- § Cost recovery and customer orientation
- § e- conveyancing
- § Internet access
- § Response times



Definiton of land administration



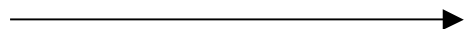
Two faces of land administration



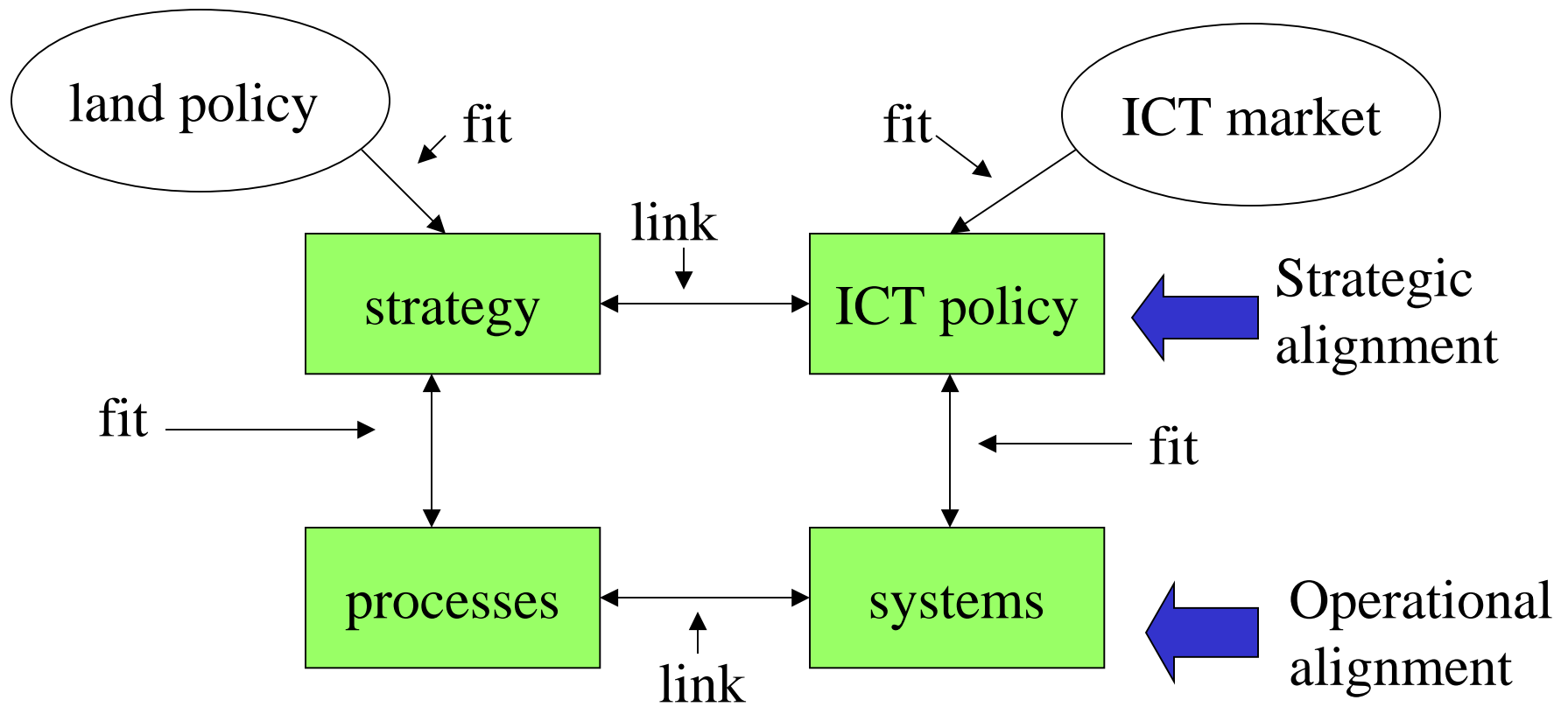
- § Scientific
 - concepts
 - models
 - methodology



- § Operational
 - operations
 - management
 - governance



Niche:

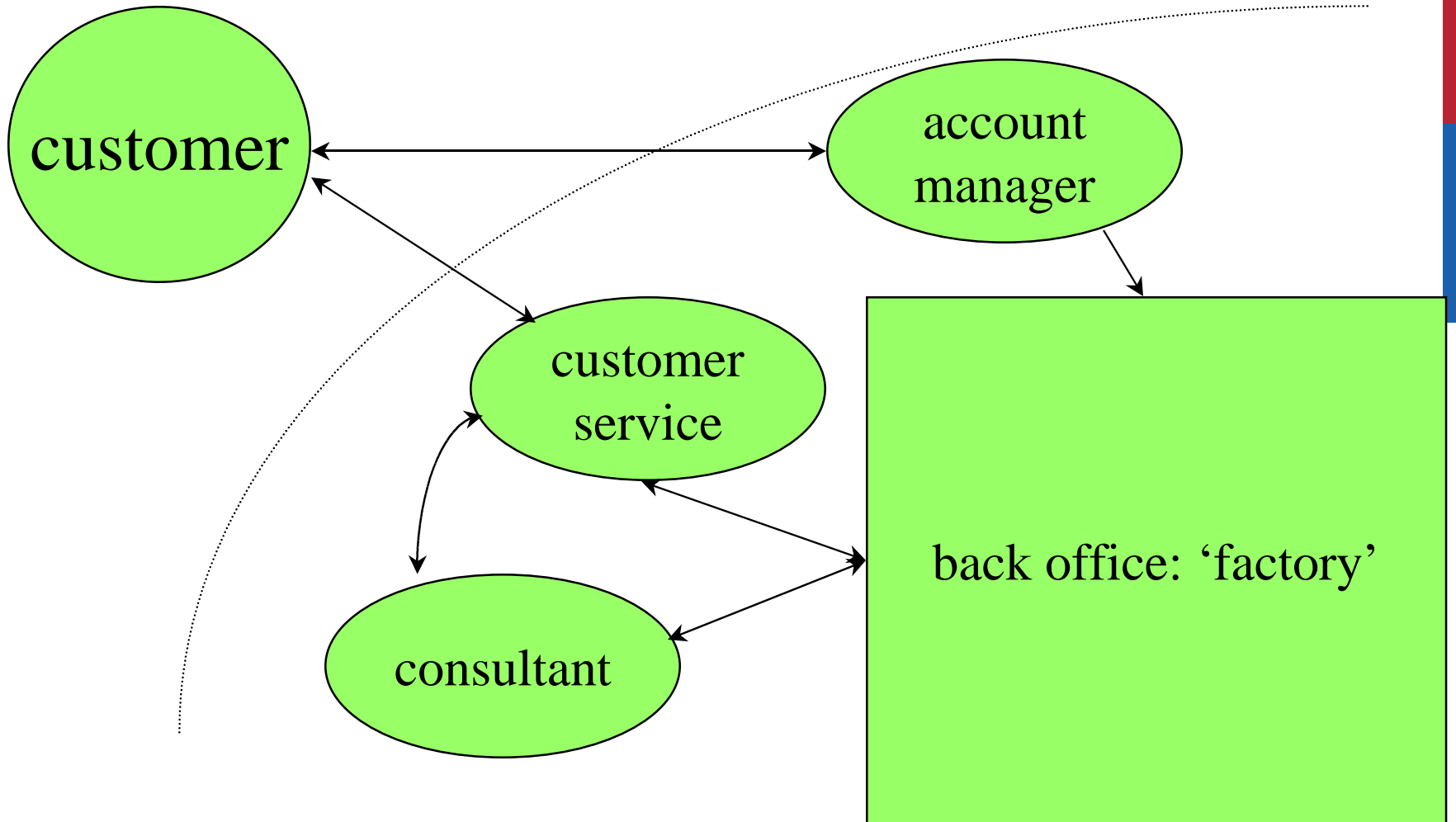


Rule of Law & Good Governance

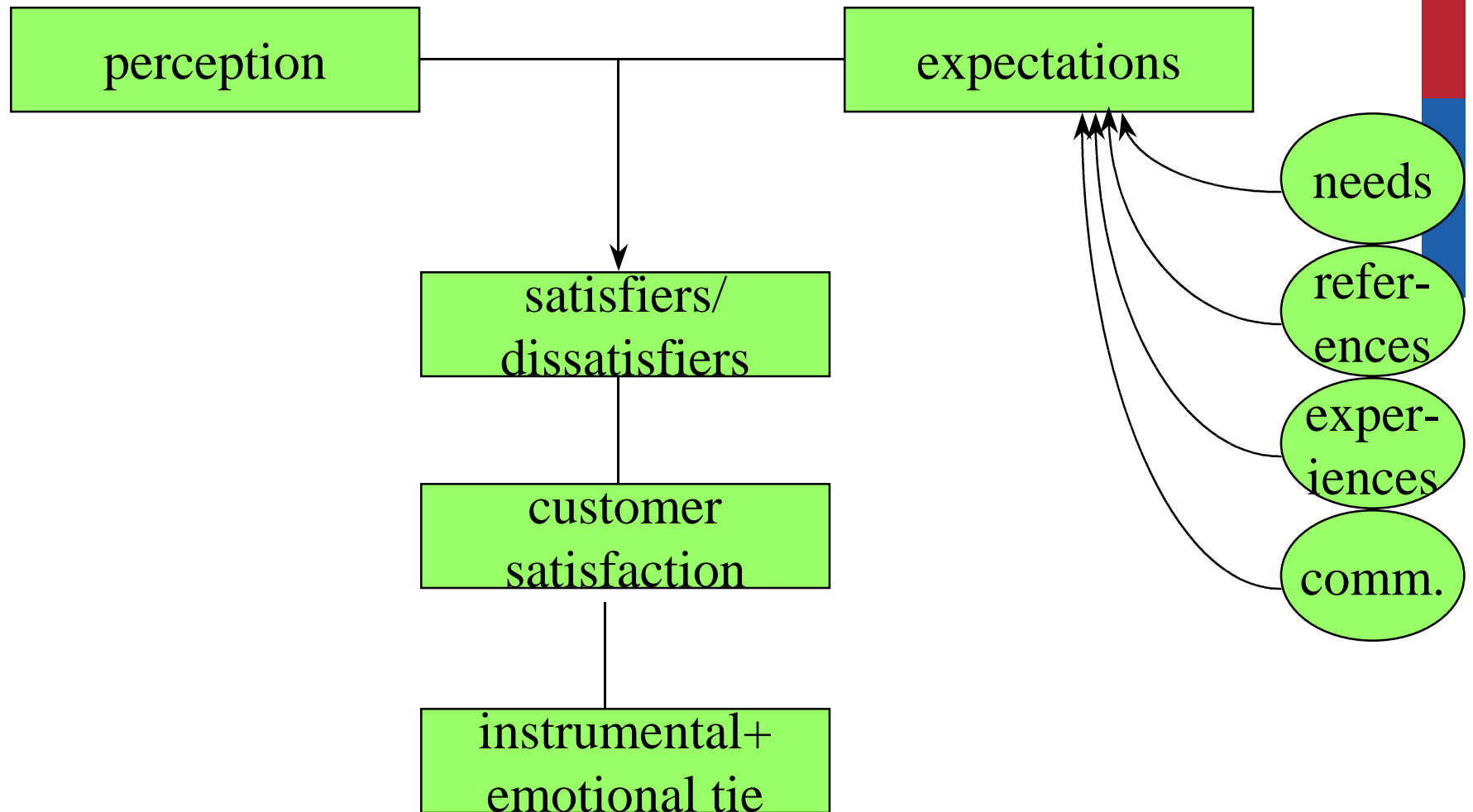
Kadaster



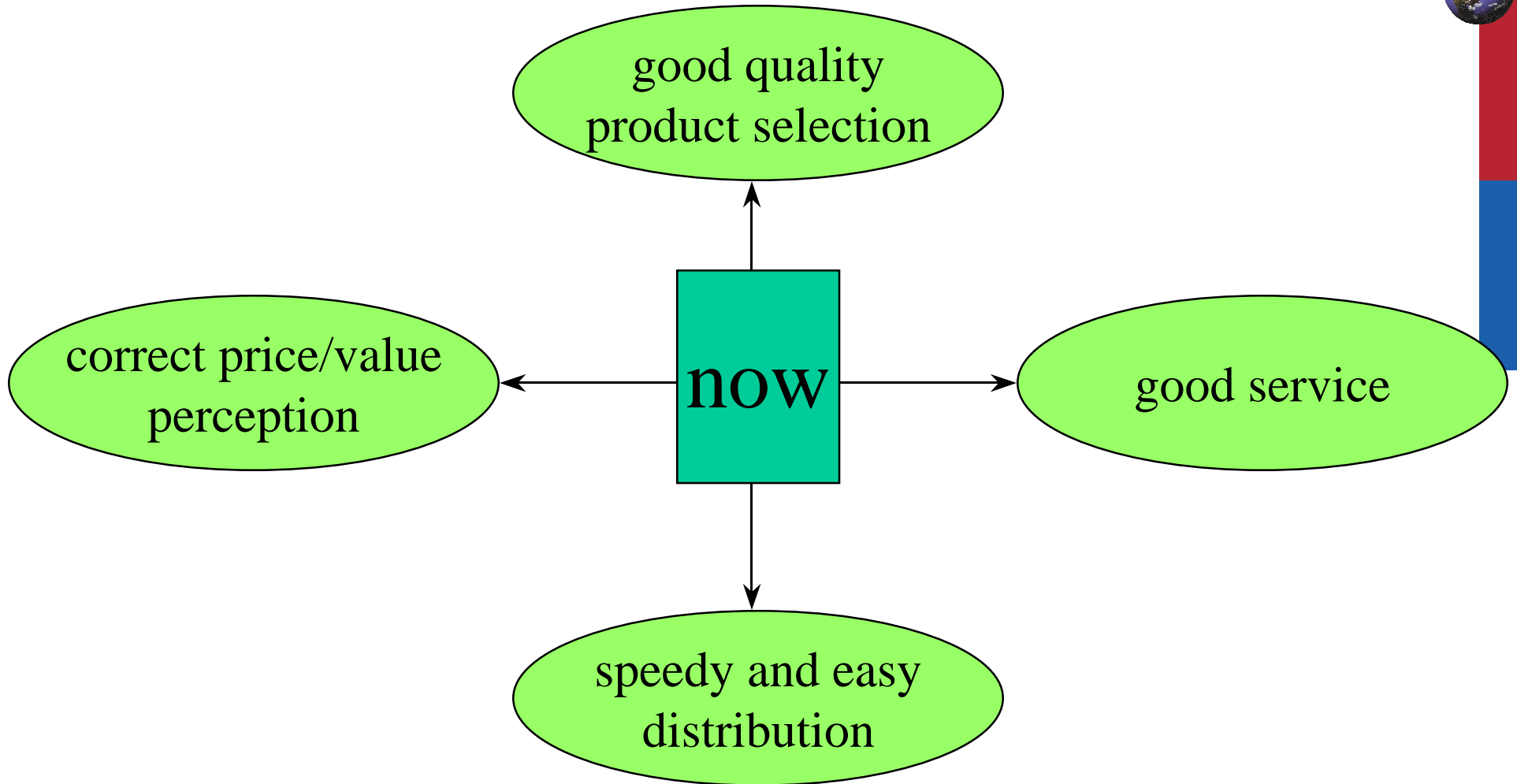
front office/back office



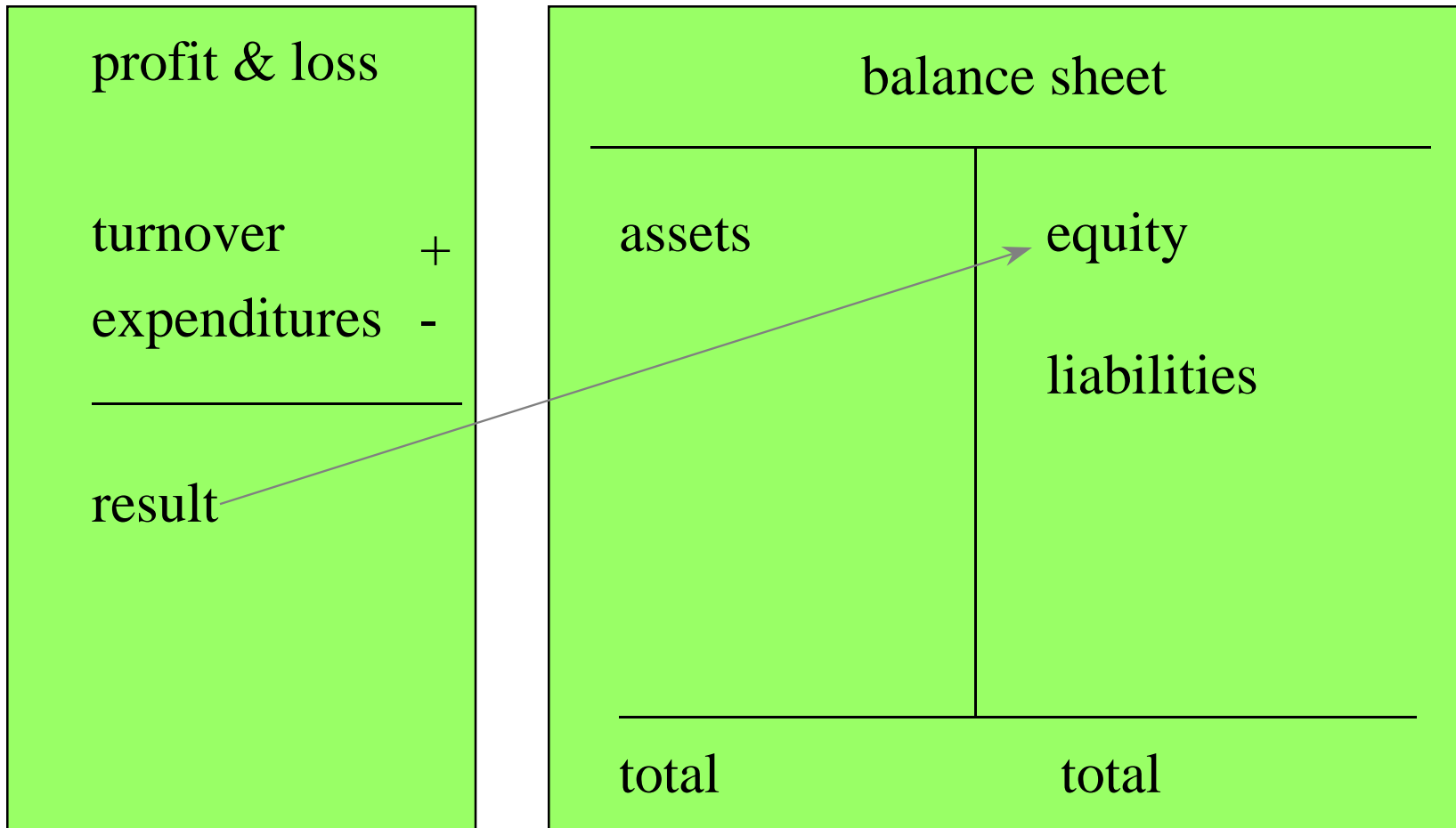
Customer satisfaction principle



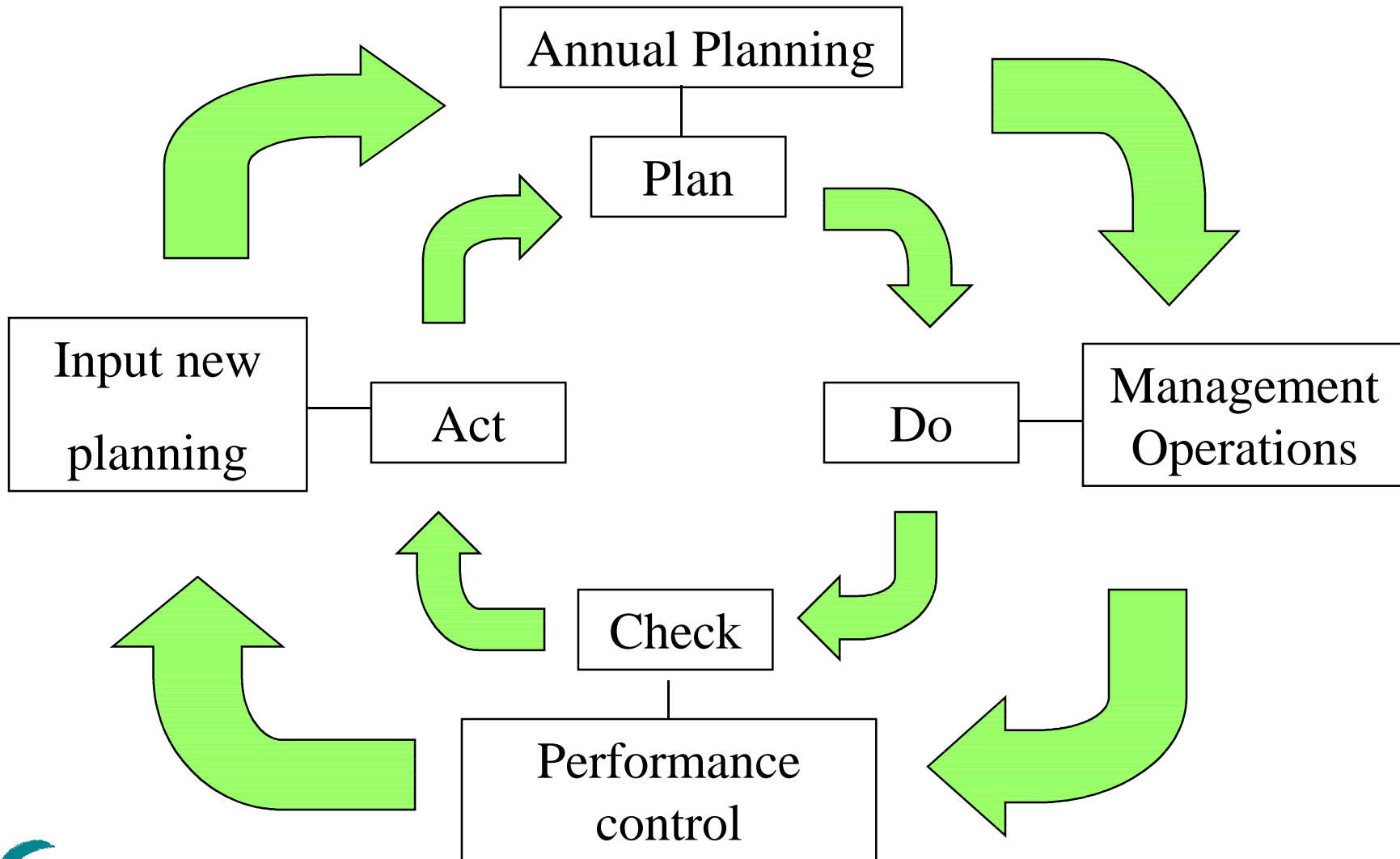
Product management



Cost recovery



QA and Planning& Control



Conclusions



- § many challenges to land administration organisations
- § need for innovative approaches to land tenure and technology
- § alignment at both strategic and operational level
- § impacts on organisation
- § this symposium looks into the future