











# The big swing

### From Measurement

Surveyors will still be high level experts within measurement science, but due to technology development the role is changing into managing the measurements

### To Management

Surveyors will increasingly contribute to building sustainable societies as experts in managing land and properties

### The Land Professionals

### **Outline of Presentation**

### Property development

- Rights Restrictions Responsibilities
- The land management paradigm

### The Challenge for the Global Surveying Profession

- The Millennium Development Goals
- The Role of FIG and the Global Surveying Community



### The value to society

12.5% of Britain's GDP is based on the activity of Ordnance Survey of Great Britain - £100 billion (one thousand times the turnover of OSGB)



### The RRR's

- Property Rights
   Are concerned with ownership and tenure
- Property Restrictions
   Are concerned with controlling use and activities on land
- Property Responsibilities

   Relate a more social, ethical commitment or attitude to environmental sustainability and good husbandry.







### What is a good property system ?

- People in general can participate in the land market; widespread ownership; everybody can make transactions and have access to registration
- The infrastructure supporting transactions must be simple, fast, cheap, reliable, and free of corruption.
- The system provides safety for housing and business, and for capital formation

Only 25-30 countries in the world apply to these criteria.



# Property Restrictions two conflicting approaches

- The free market approach (current debate in the US)
- Land owners should be obligated to no one and should have complete domain over their land.
- The role og government to take over, restrict, or even regulate its use should be non-existent or highly limited.
- Planning restrictions should only be imposed after compensation for lost land development opportunities
- The central planning approach (European perspective)
   The role of democratic government include planning and regulating land systematically for public good purposes.
- A move from every kind of land use being allowed unless it was forbidden to every change of land use is forbidden unless it is permitted and consistent with adopted planning regulations and restrictions.



### Three core principles





### Decentralisation of planning responsibilities

- Local representative democracy responsible for local needs
   Combining responsibility for decision making with accountability
   for economic, social and environmental consequences.
   Providing monitoring and enforcement procedures

Comprehensive planning - Combining aims and objectives, land-use structure planning, and land use regulations into one comprehensive planning document covering the total jurisdiction

### Public participation

- Providing awareness and understanding of the need for planning
- planning regulations in respond to local needs. Legitimising local political decision making











### **Outline of Presentation**

Environment and Land Administration

- Rights Restrictions Responsibilities
- Spatially Enabled Government

The Challenge for the Global Surveying Profession

- The Millennium Development Goals
- The Role of FIG and the Global Surveying Community



## Goal 1: Eradicate extreme poverty and hunger Goal 2: Achieve universal primary education Goal 3: Promote gender equality and empower women Goal 4: Reduce child mortality Goal 5: Improve maternal health Goal 6: Combat HIV/AIDS, malaria and other diseases Goal 7: Ensure environmental sustainability **Goal 8: Develop a Global Partnership for Development** The framework includes 18 targets and 48 indicators enabling the ongoing monitoring of annual progress

The UN Millennium Development Goals

















# FIG Global Partnership with

- FAO, projects on capacity building, good governance, land economics, etc....
- UN-HABITAT, partner in the GLTN network, projects on informal settlement, informal development, gendered land tools, etc....
- World Bank, joint conference on Land Governance in support of the MDGs









# The Role of Fig

**FIG** this way, intend to play a strong role in building the capacity to design, build and manage national surveying and land administration systems that facilitates sustainable Land Governance.





Thank you for your attention