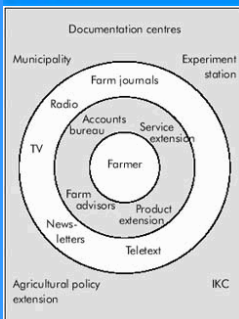
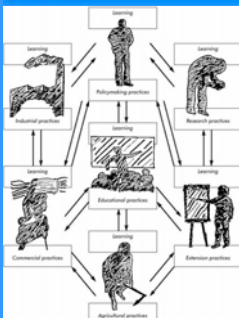




Unpacking K4D

Effective Use of Knowledge for Development

An exploration of basic knowledge system elements

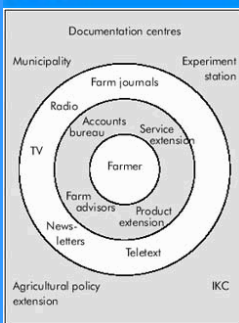
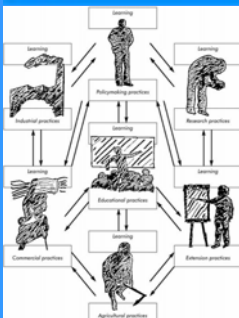


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Knowledge

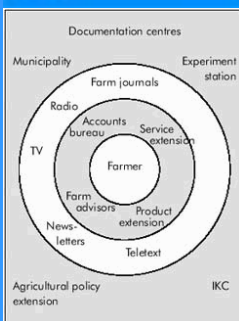
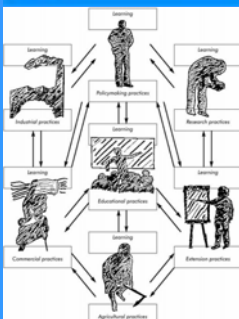
- ✓ Knowledge, what is that?
- ✓ Components of a global knowledge-based economy
- ✓ Some trends in global governance...
- ✓ Some issues for debate...





Knowledge takes many forms

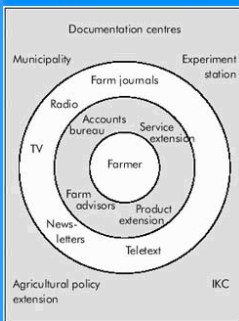
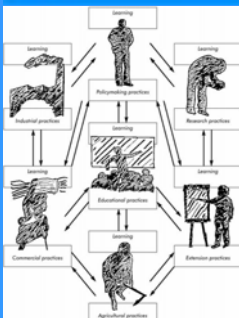
- ✓ **Endogenous knowledge**, embedded in communities...
- ✓ **Know-how and expertise**, carried by specialists...
- ✓ **Information**, assembled by specialized institutions...
- ✓ **Artefacts and products**, owned by stock and patent holders





Endogenous knowledge

- ✓ What? World views, practices and insights
- ✓ How to learn? Integrating in community
- ✓ From whom? Local institutions and experts
- ✓ Context? Cultural heritage
- ✓ Type? Continuous – endless...



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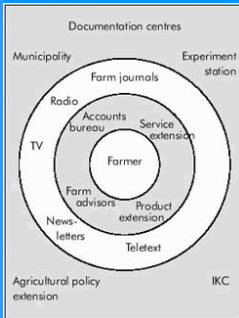
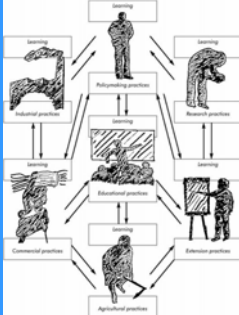
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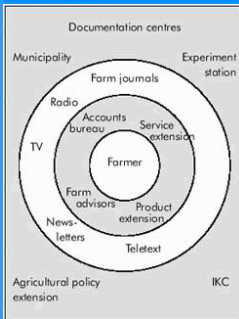
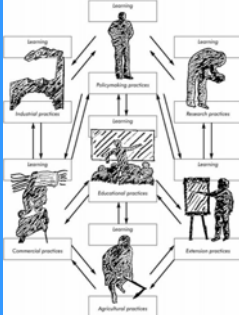
Know-how and expertise

- ✓ What? Expertise and tested practices
- ✓ How to learn? Mastering
- ✓ From whom? Renown specialists
- ✓ Learning context? Communities of practice
- ✓ Type? Incremental, step-by-step to master level

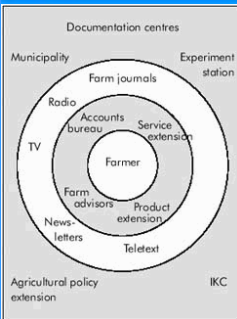
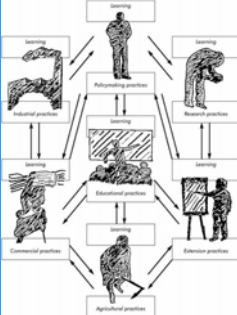


Information

- ✓ What? Symbolic representations
- ✓ How to learn? Sourcing and processing
- ✓ From whom? Organizations, institutions and media
- ✓ Learning context? Webs of significance
- ✓ Type? Discrete/lumpy – a bit at the time...

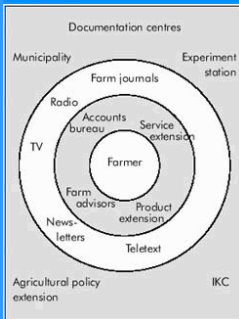
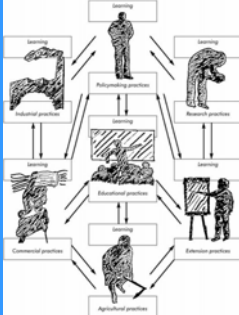


Artefacts



- ✓ What? Products and technologies
- ✓ How to learn? Buying and trying
- ✓ From whom? Owners and sellers
- ✓ Learning context? Specific applications
- ✓ Type? Binary – you have it or you don't...

Components of a global knowledge system

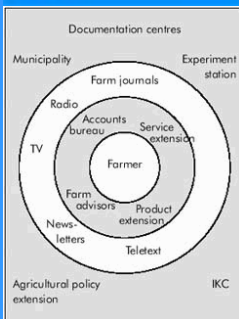
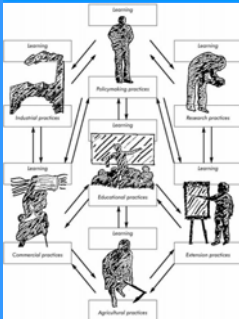


- ✓ **Information infrastructure** – storage and distribution of items...
- ✓ **Appreciative systems** – sourcing, valuing and producing items for transformation and use...
- ✓ **Global governance** – institutions, negotiations, covenants, customs that regulate the above...



Information infrastructure

- ✓ Information systems
- ✓ Documentation systems
- ✓ (Electronic) publishers
- ✓ Web-based resources
- ✓ Search engines
- ✓ Etc.



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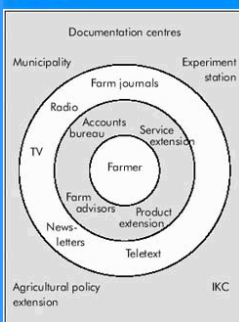
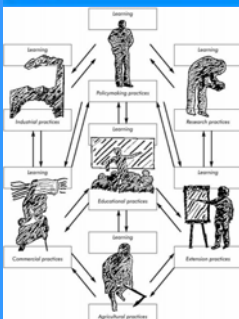
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Appreciative systems

- ✓ R&D and education institutions
- ✓ Policy institutes and think-tanks
- ✓ Intermediary organizations and knowledge networks
- ✓ Communication media
- ✓ Communities of practice, etc.



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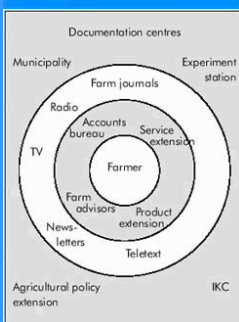
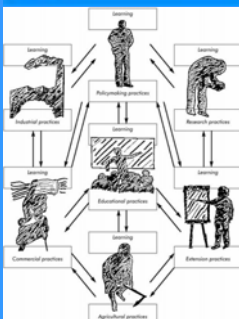
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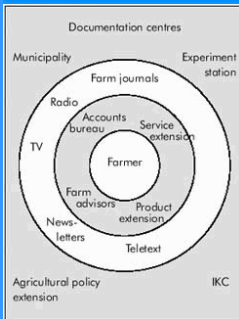
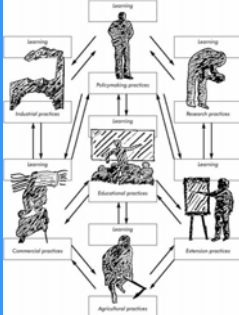


Governance structures

- ✓ Global institutions – multilateral, private and non-governmental
- ✓ International treaties – ratification, sovereignty
- ✓ (International) markets – oligarchic at most
- ✓ Customary arrangements – spontaneous and historical developments



Some trends in governance



- ✓ Investment in appreciative systems doesn't keep up with investments in infrastructure - new "divides" are created everyday...
- ✓ Disinterest in traditional knowledge leads to loss of diversity and erodes the world's capacity for innovation...
- ✓ Overemphasis on private ownership and marketing of knowledge, leads to disproportional attention to products and distribution vis-à-vis the appreciative environment that guarantees their innovation and use...

Some issues for debate

Global governance:

- ✓ [WTO + WIPO + WSIS + What?] equals support to development?
- ✓ Urgent need to address global inequalities in capacity to own, value and create knowledge

Suggestions to policy makers/donors:

- ✓ Invest in the dynamics of local knowledge economies, the valuation and protection of local intelligence and creativity
- ✓ Invest in well-rooted intermediary and research organizations in the South and their networks with Northern peer organizations
- ✓ Invest in global governance structures that recognize the right of DC to access and use knowledge

