

Rural Development in Asia through ICT-Supported Lifelong Learning



http://icodel.upou.edu.ph

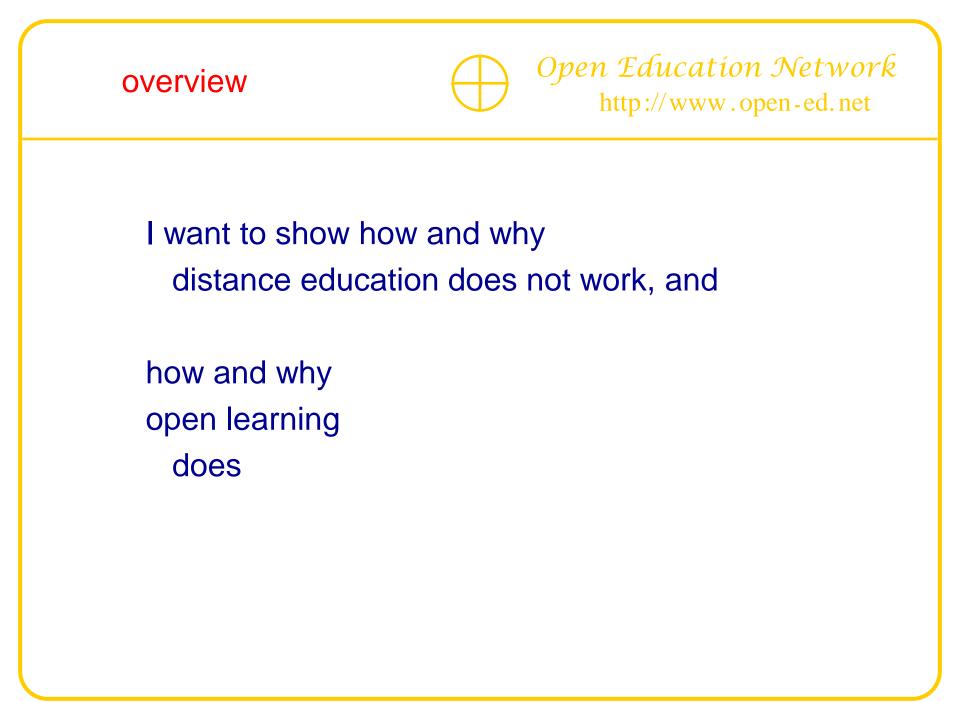


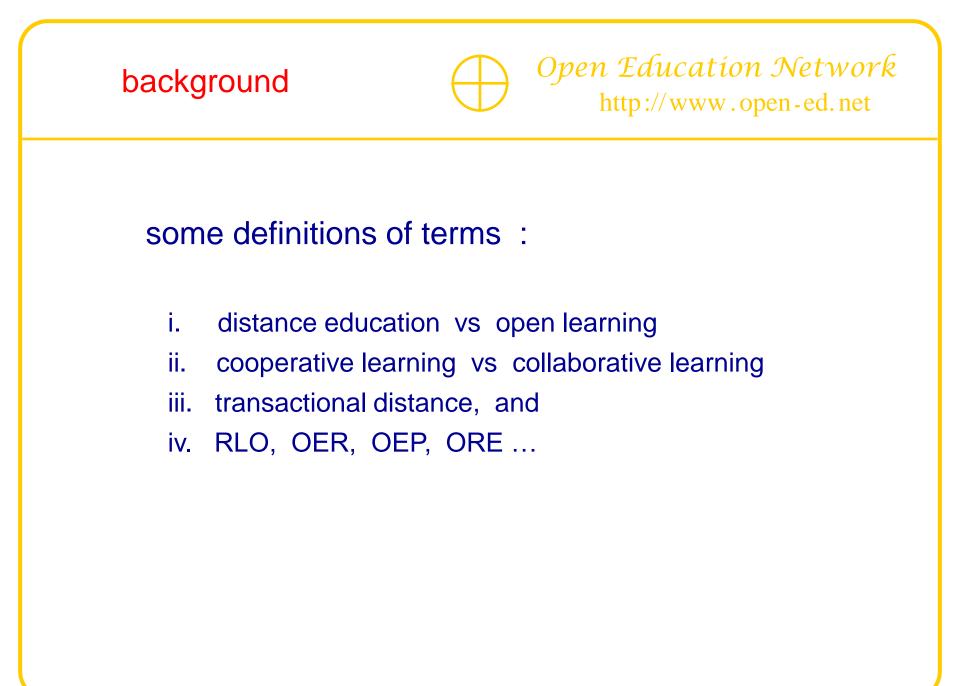
Rural Development in Asia through ICT-Supported Lifelong Learning

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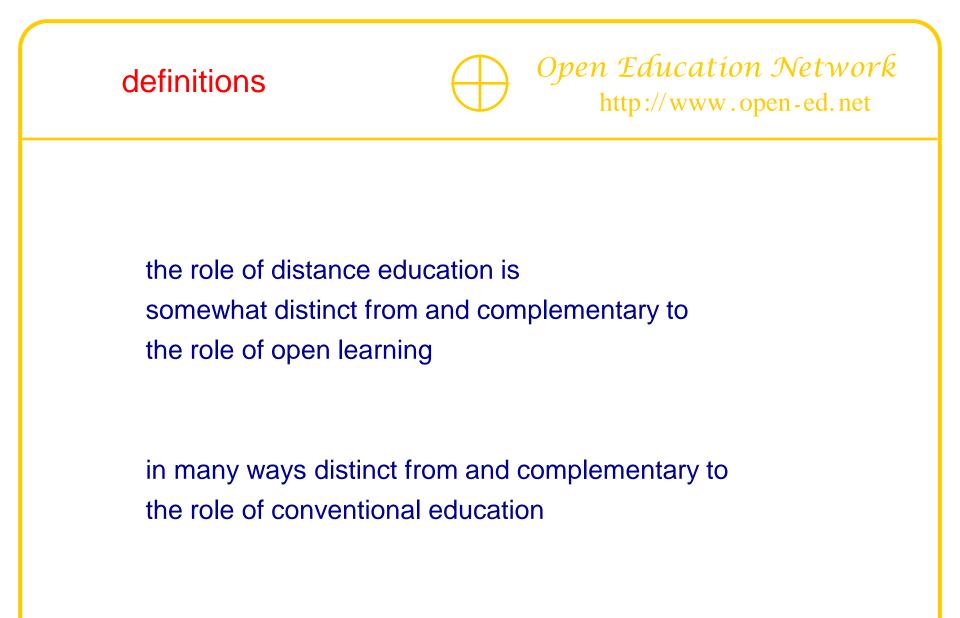
http://www.open-ed.net/library/rural-ed.ppt



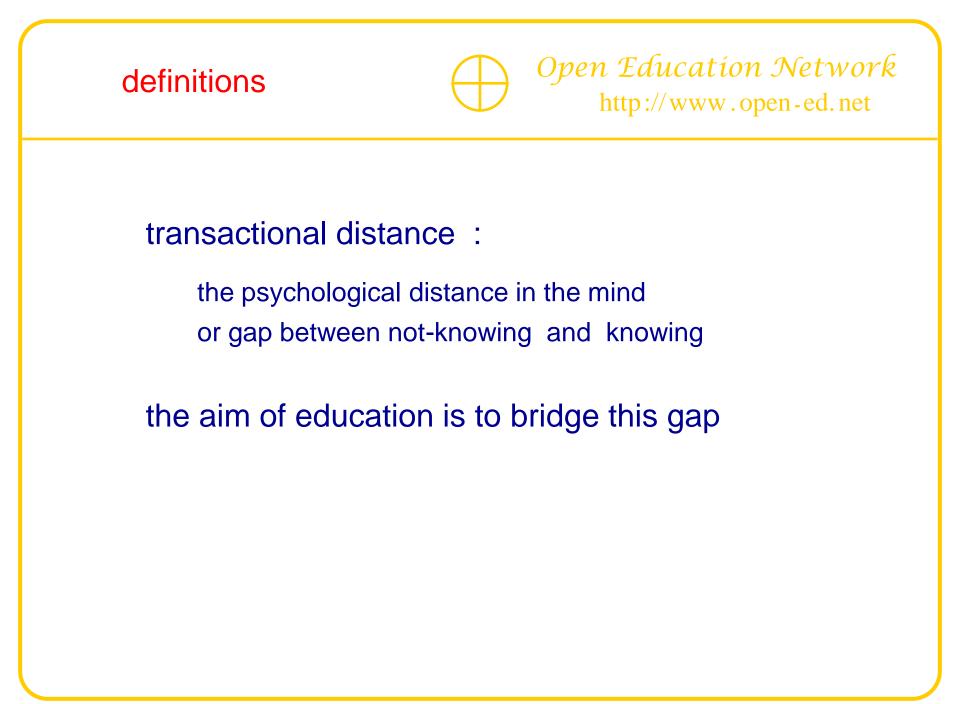










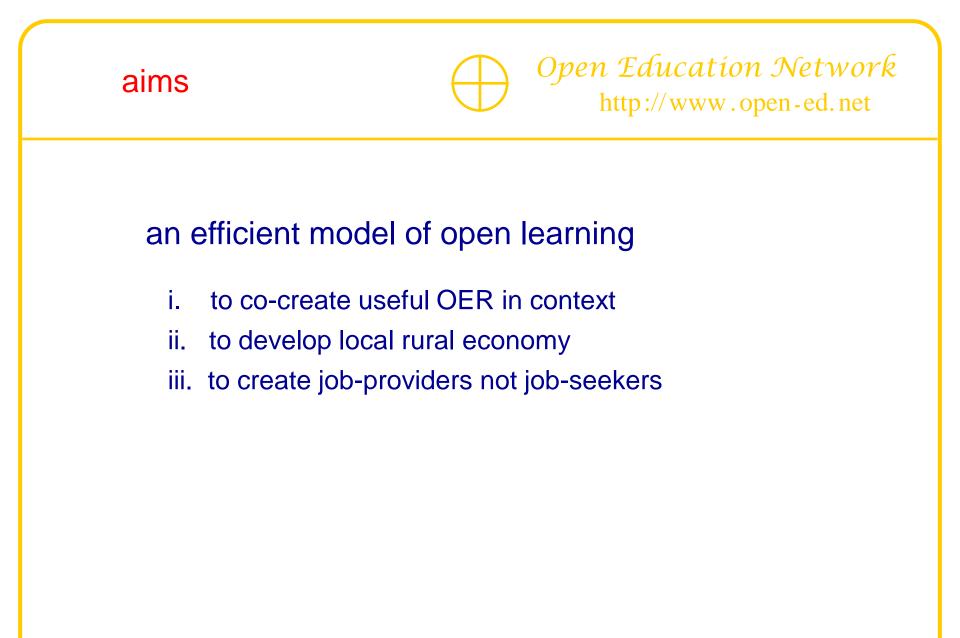






RLO, OER, OEP, ORE ...

re-usable learning object – smallest bricks open educational resource – free modules open educational practice – use and create open resources exchange – co-create, tag and share





these are described next in turn ...

case 1



i. the lone-ranger approach :

In China in the 1990s, university experts went out into the villages alone, bicycling from village to village – wearing out bicycle tyres and later motorbikes to instruct farmers what to do.

Later whole city university faculty departments went into the rural areas to give week-long lectures and workshops, sometimes taking new seeds and technologies with them, and at other times tractors.

Of course these efforts are unsustainable.

Funding came from short-term international donors.



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ii. lone-rangers with free money approach :

In South Asia and Africa since 1995, micro-financing for rural entrepreneurs to start-up businesses has expanded now reaching 8 million borrowers almost all of whom are women. The bank largely behind this has 22,000 employees and has been subjected to government investigation (cleared in April 2011) of charging overly high interest rates to the very poor. Unregulated aggressive lending and high interest rates to the rural poor is also now (as of July 2011) subject to government investigation in India

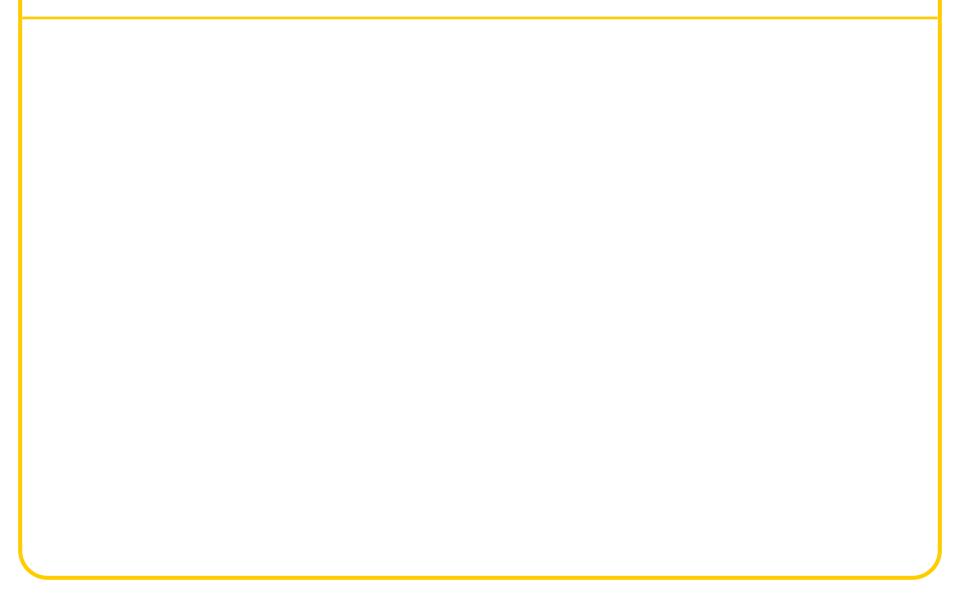






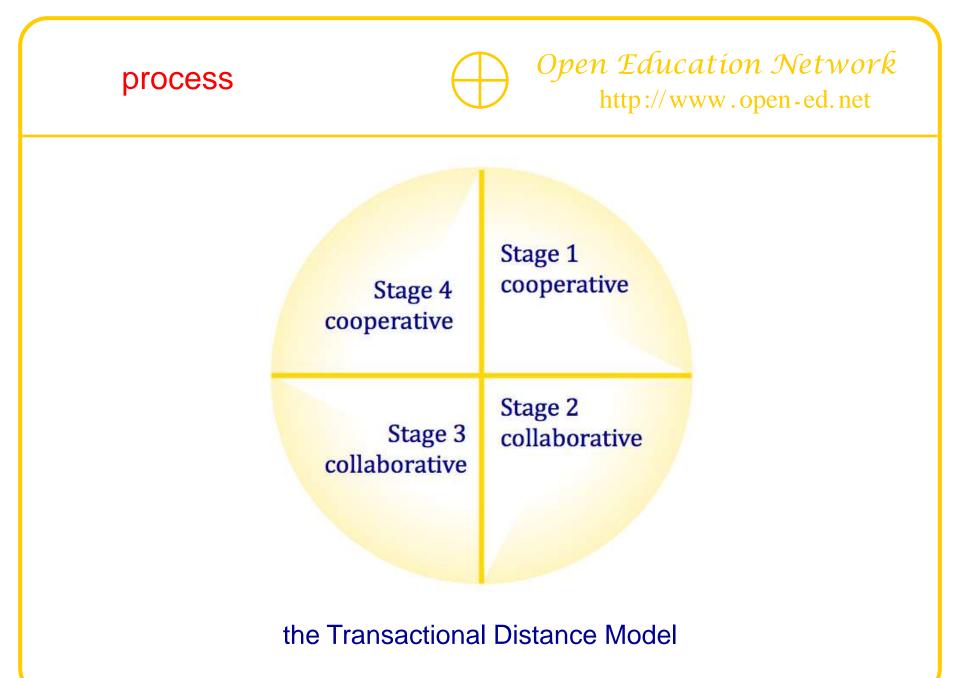


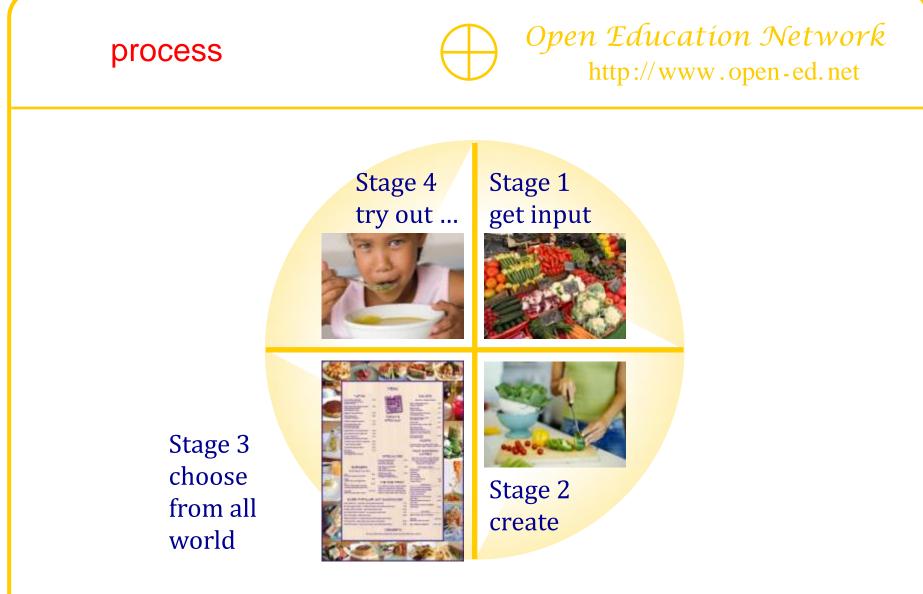






an open university is well-positioned philosophically, geographically, technologically

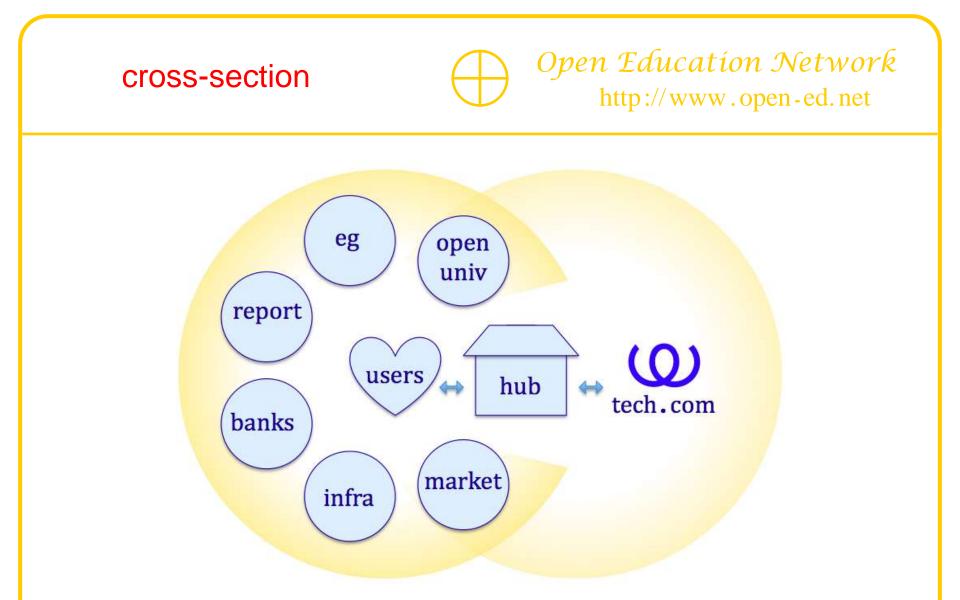




the Transactional Distance Model

process		Open Education Network http://www.open-ed.net	
Transactional Distance	Stage		
far	1	S –	D –
med	2	S + added	D –
low	3	S + Structure	D + added
zero	4	S –	D + Dialogue

the Transactional Distance Model



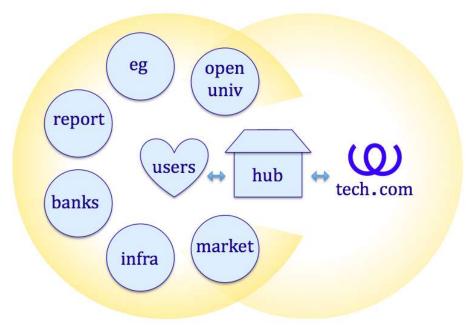
the Modern Open Learning Model

cross-section

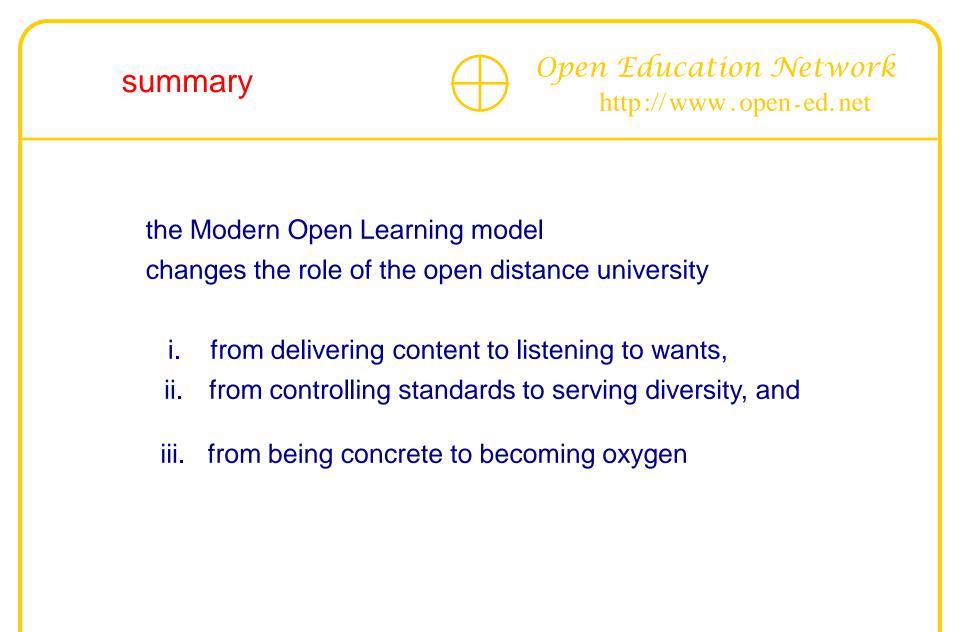


- i. open university
- ii. demo to users
- iii. report to outsiders
- iv. coordinate finance
- v. build infrastructure
- vi. find markets

users = target learners hub = villager with tech skills tech.com = tech provider



the Modern Open Learning Model





co-creating the best way forward

historically self-sufficient in food and lifestyle

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local over-supply of ginger led to price crash



after their very hard work, they over-produced, the local market price collapsed, the people got high debts and became poorer than before " I have been feeding my cattle with cabbages for lack of market. I had planted two acres of the produce and no one has bought a single piece,"
Muthoni, R. (2012) 9th January
http://thewip.net/contributors/2012/01/with_no_money_kenyan_farmers_f.html

bumper harvest of potatoes and carrots ... but lack of market demand caused a lot of it to rot in the land, costing hefty [financial] losses.

similar over-supply occurred in Africa ...



iv. current rural development :

"After we collected the oral testimonies, we organized sharing sessions to go through the stories together with the local participants in order to discover the needs and aspirations of the villagers, identify their cultural heritage and strengths as a community, and make plans for improving their livelihood using a communal decision-making process."

Ku, 2011 (p.353) *Action Research*, *9* (4), 344-369.

ethnic weaving and embroidery



ethnic crafts now succeed for rural development



the modern 'Fair Trade' movement has given such villagers an unusual high-price for their weaving and embroidery

this does not reduce the village to a humiliating circus side-stall provided that they can deliver unusual high quality



summary

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iv. the second time round :

- i. the university listened to local interpreters
- ii. they found inspiring examples
- iii. they co-created new ideas together
- iv. they use outside resources as they want
- v. they study the knowledge and skills they want
- vi. the university continues to publish the results
- vii. the university advises on expanding markets

the target users became self-motivated to engage open lifelong learning for themselves





key points :

much rural development is unsustainable

current China growth is overly delivered by an investment boom and needs to be re-focused on domestic human development which the proposed Modern Open Learning model can help stimulate through lifelong learning to increase domestic consumption

the Modern Open Learning model shows how rural development can be sustainable





Open Learning Model : where ...

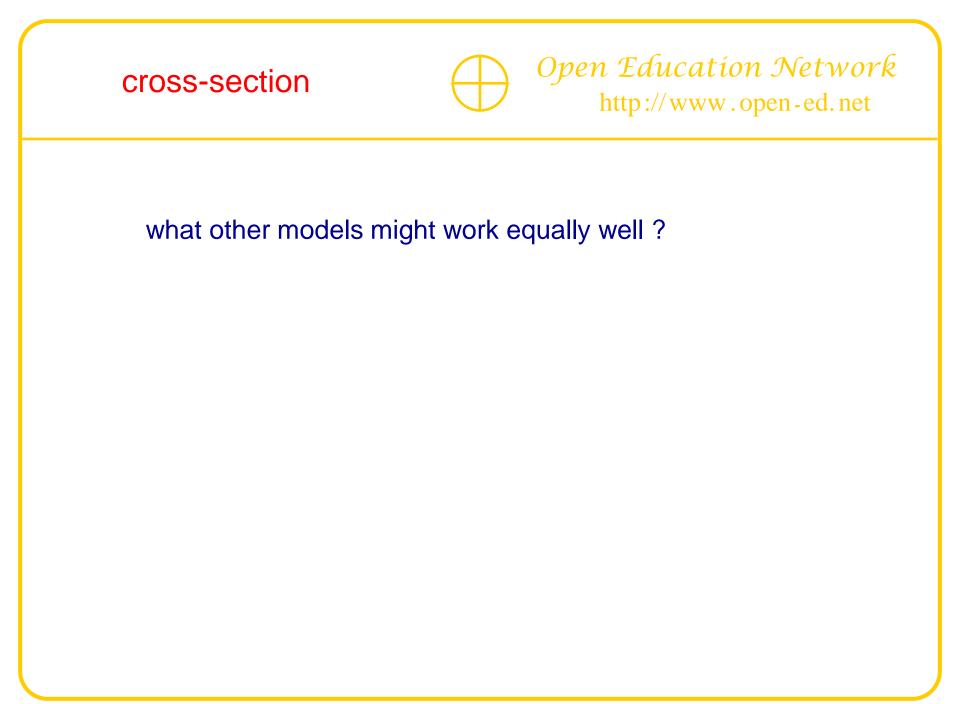
eg we listen to Jilin Province above North Korea and co-create local courses in Korean native language for local job creation and lifelong learning

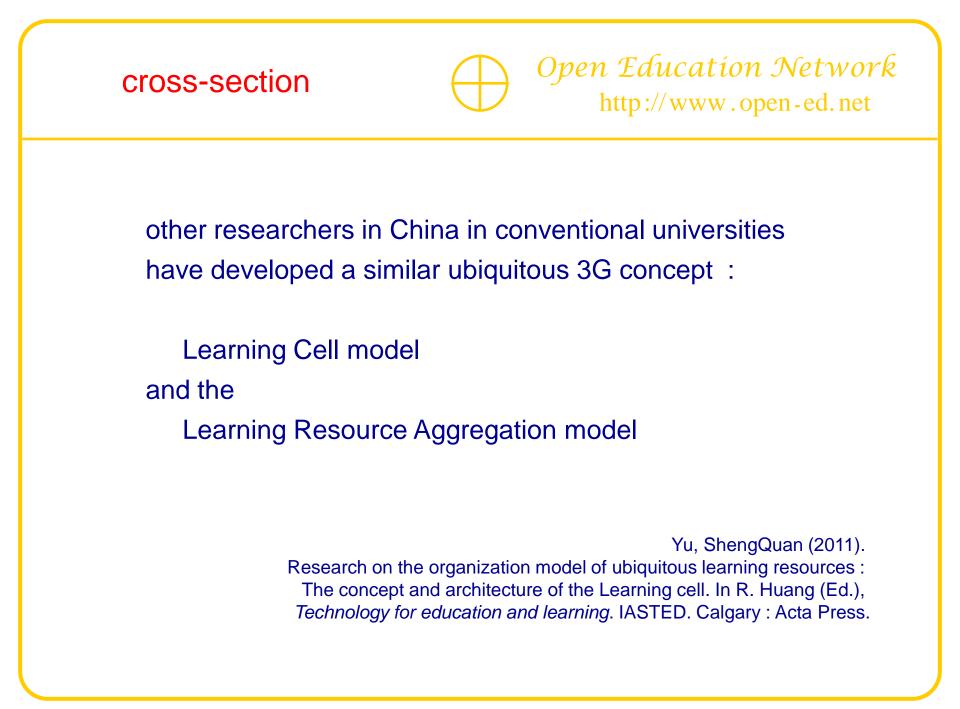
eg we listen in Xinjiang Province in northwestern China in ethnic muslim areas and co-create local courses in Wei native language for local job creation and lifelong learning

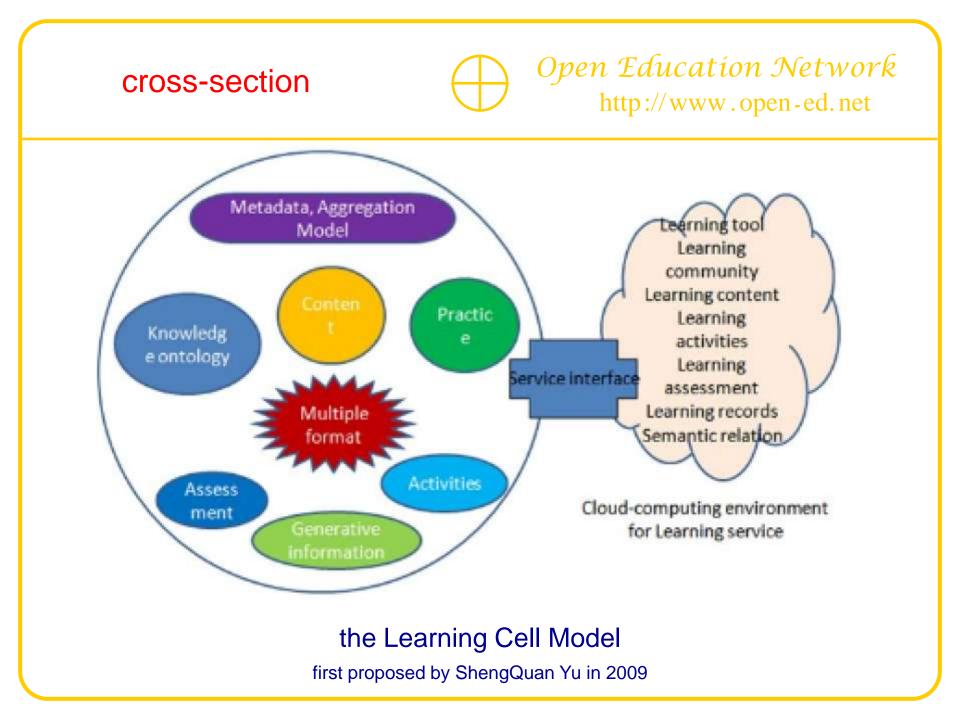


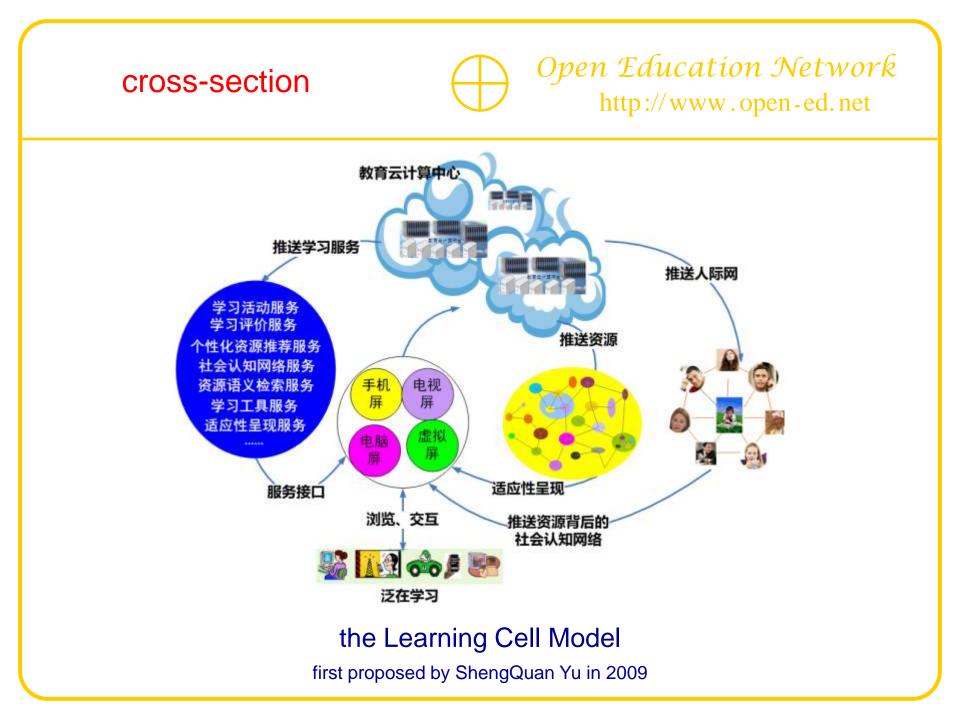
sustainable, profitable

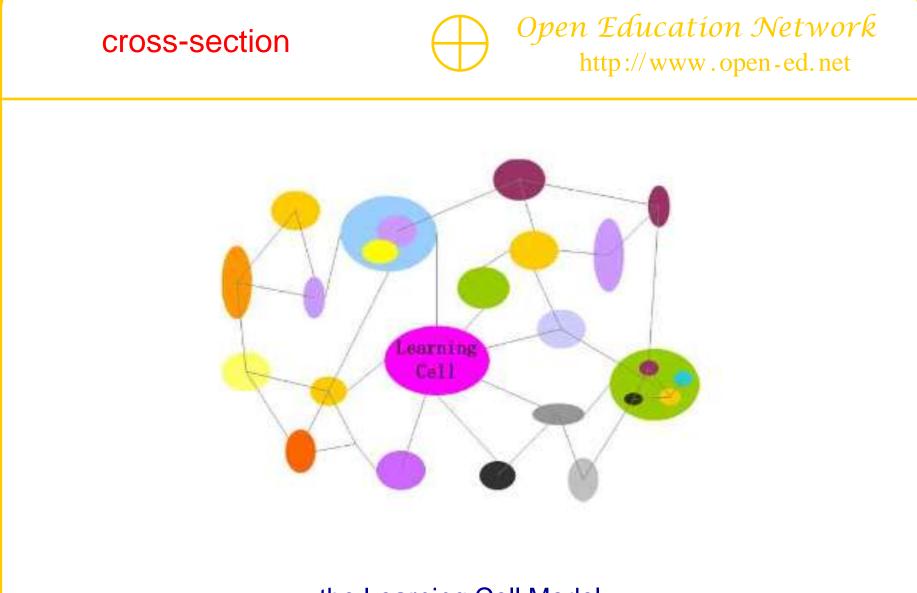
potential advantages include lifelong learning throughout life ;- from pre-natal to post-death



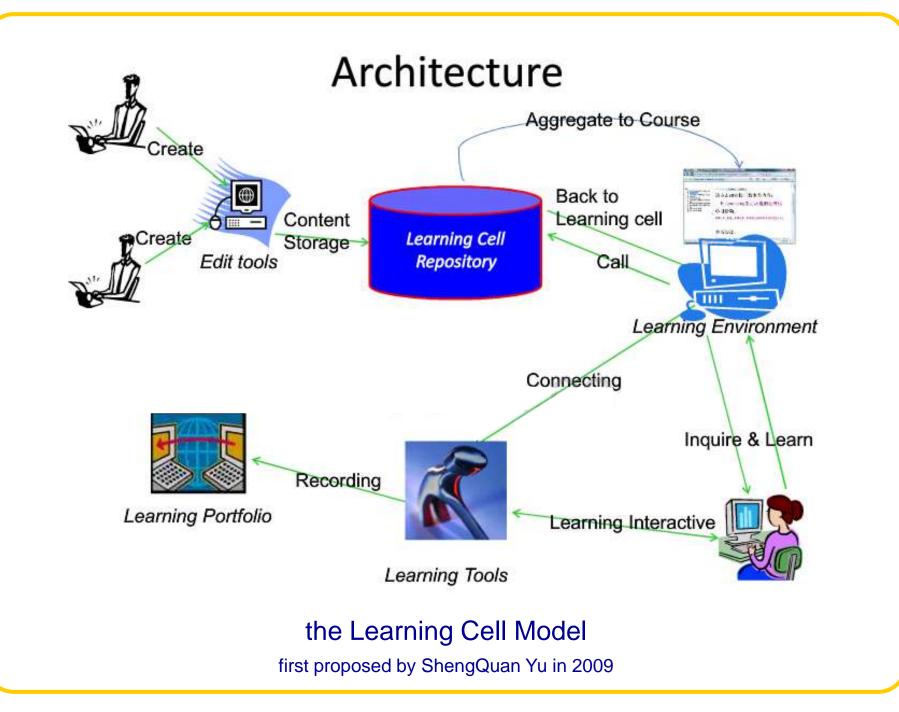


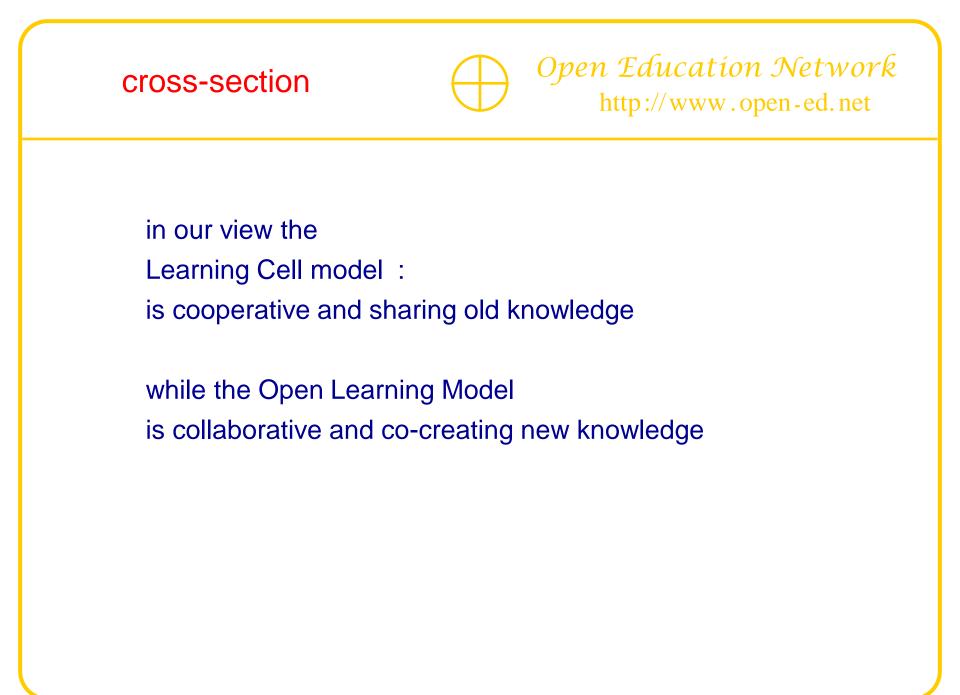


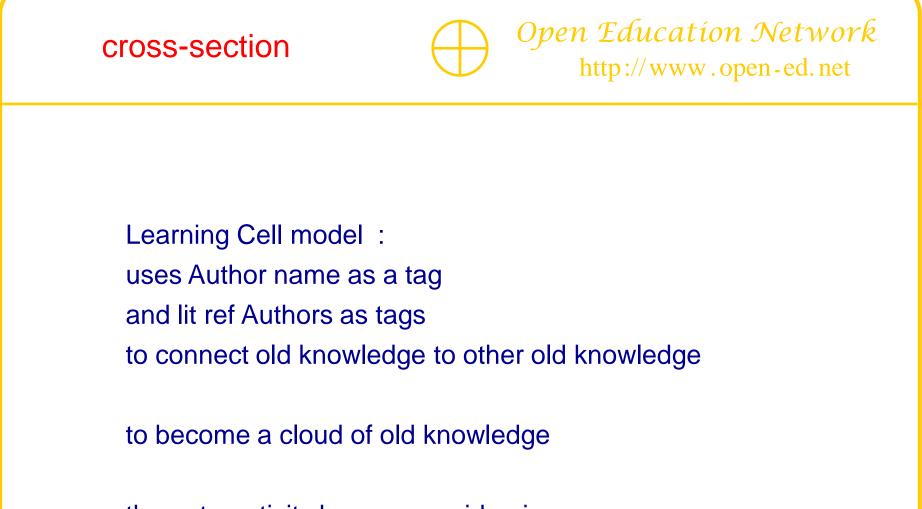




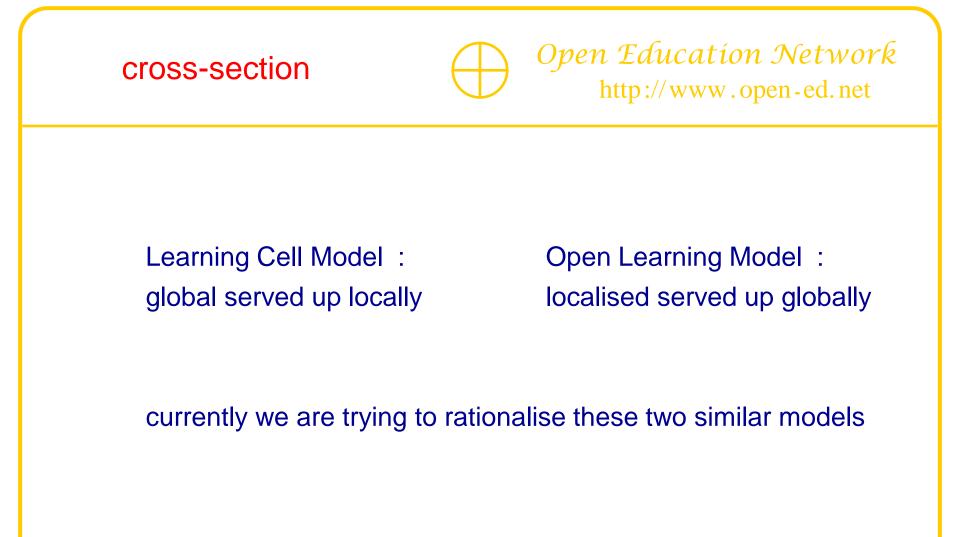
the Learning Cell Model first proposed by ShengQuan Yu in 2009

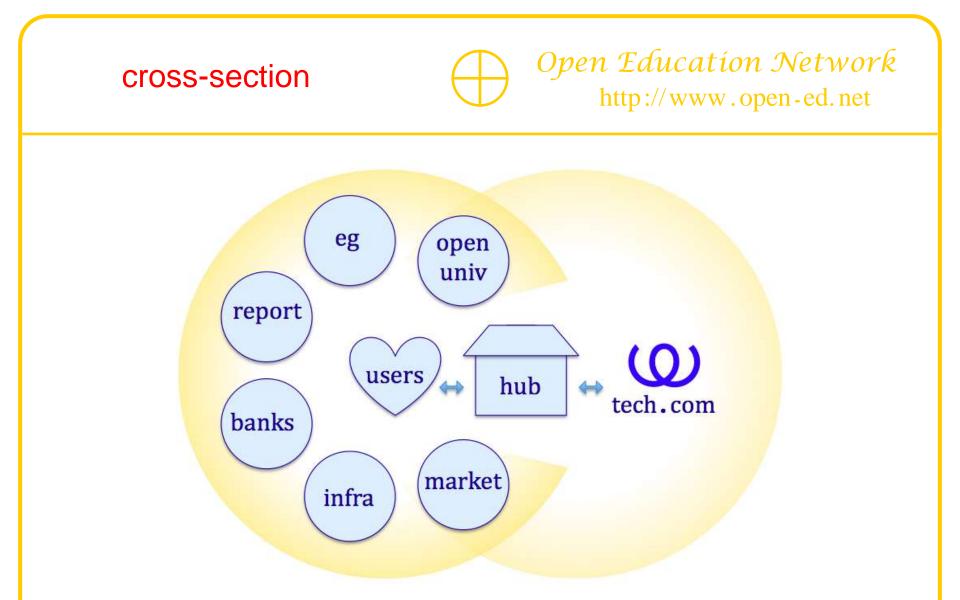




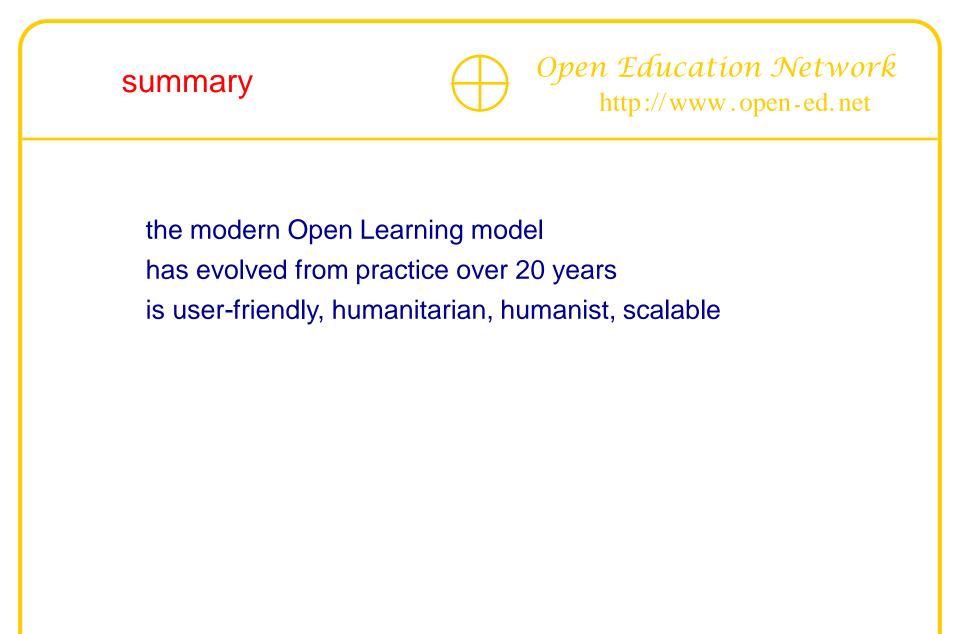


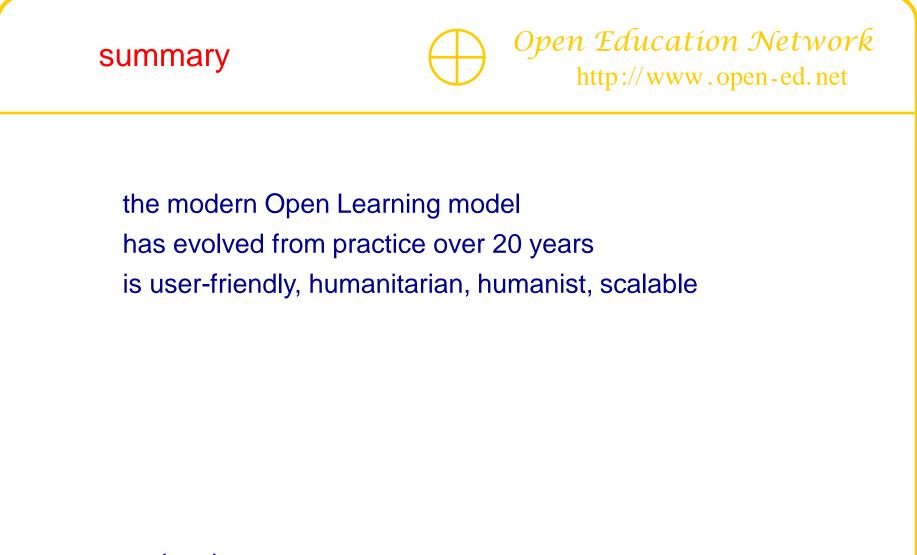
the automaticity becomes epidemic



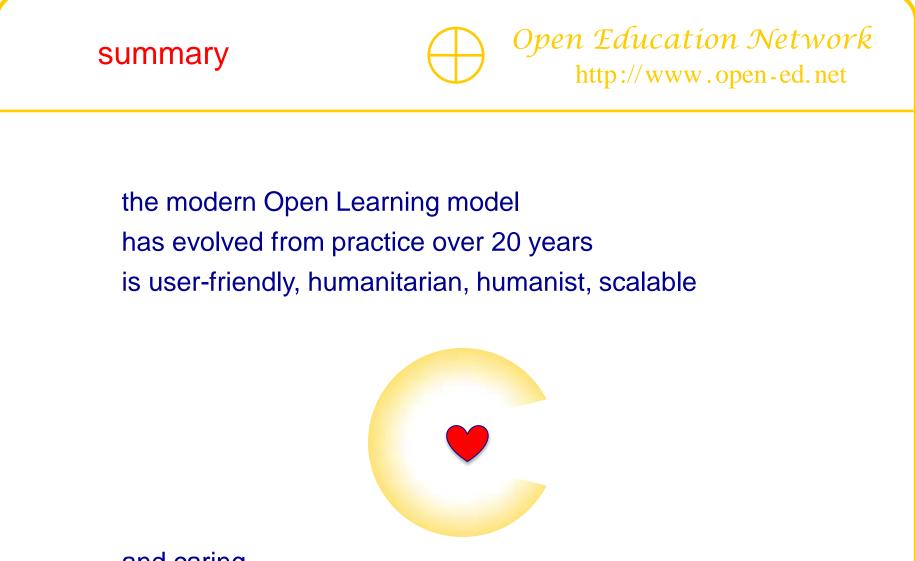


the Modern Open Learning Model

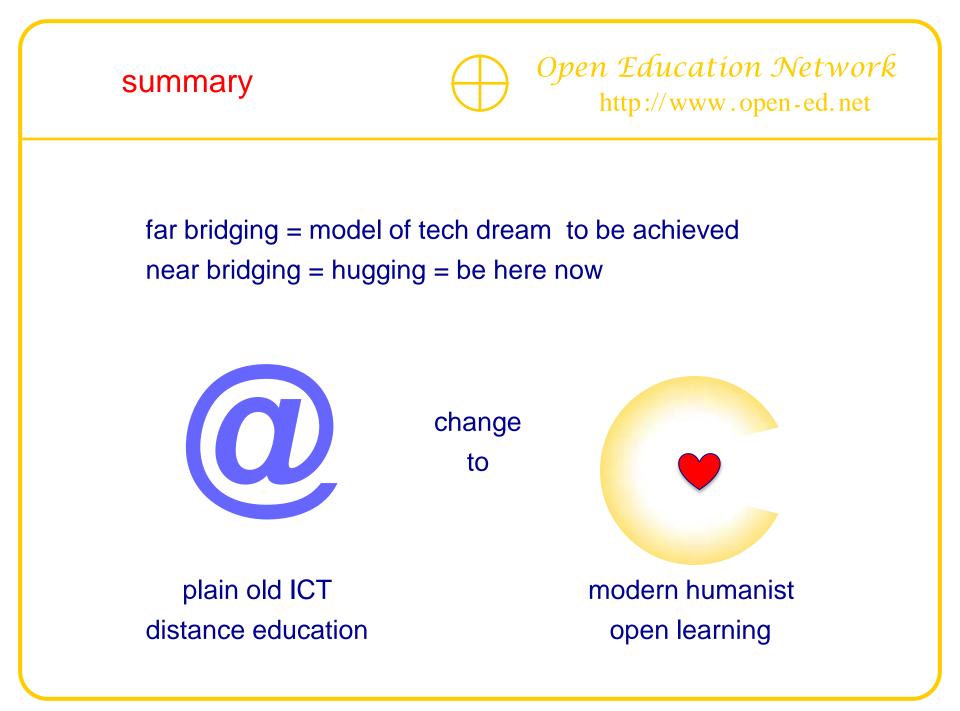


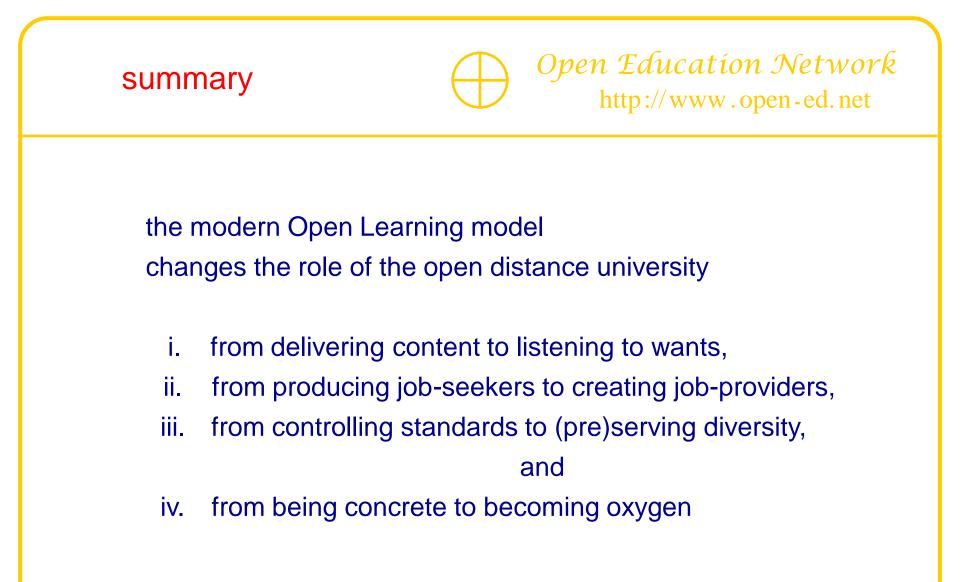


and caring



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"We must re-boot our economies with a more intelligent type of growth"

Jose Angel Gurria, OECD Secretary-General, Global Forum on the Knowledge Economy, Paris, 12-13 September 2011



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or by email to me at kawachi @ open-ed.net

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