UNESCO/UNHSF Dzud project Mobile Teacher Training

(2 – 9 November 2004, Zavkhan, Mongolia)







Education Team
Tokyo Institute of Technology

Background of the mobile teacher training

- Date:
 - 2 November to 9 November 2004
- Duration:One week → 2 2.5 days
- Venue:
 Uliastai (AC) and Numrug
- Number of shools:7 schools (U:3; N:4)
- Number of participants:
 35 teachers → 120 teachers (U:50; N:70)

Observation

- Gaps within the region
- School facility
 Conference room? Copier?
- Power supply?
 Light?
- Heating
 Warm enough?
- Others
 Any distraction?

Training at Uliastai #1 Plenary session



Training at Uliastai #2 Group work



Training at Numrug #1 Plenary session



Training at Numrug #2 Ice breaking



Training at Numrug #3 presentation on group work



Interviews

- Objectives?
 - * To collect information on current situation of teachers
 - * To identify training needs of teachers
- Interviewees?
 - * Teachers (30)
 - * Principals (5)
 - * Methodologists (3)
 - * Local government officials (2)
 - * National project team (2)

Interview (cont'd)

- Method?
 - * One-one-one/ group interview
- Interview questions?
 - * "What is the major change for you in the new education system?" (general questions)
 - * "What kind of information and skills do you need most as a teacher?" (skills and responsibilities)
 - * "What modality of the training do you think most helpful?" (training)

Findings from field visit (observation)

Severe gaps of infrastructure within Zavkhan

High motivation of all teachers towards the education reform

Findings from field visit (interviews)

- Impact given by the new education system (positive impact)
 - * Teachers' support towards new education methodology (new education standard, student-centered approach)
 - * Support from aimag education and culture department (increased role of methodologists)
 - * Increased team work among teachers

 (increased meetings and discussions among teachers)

Findings from field visit (interviews) cont'd

- Impact given by the new education system (Challenges)
 - * Difficulties to shift from old to new teaching methodology
 - * Lack of supporting manuals/guidebook
 - * Insufficient training opportunity
 - * Unsupportive teaching conditions (e.g. high student-teacher ration)

Findings from field visit (Interviews) cont'd

- Strong needs for teaching manuals and materials
- Heavy workload and inadequate working conditions

- Teachers' evaluation system
- Student assessment

Findings from training

- All teachers were satisfied with the training
 - "Very good" 46.7 %
 - "Satisfactory" 53.3%
- Training topics were relevant to teachers' needs
 - 1. Teacher development and self-development (24%)
 - 1. Curriculum development and sample task (24%)
 - 3. New education standard (19.2%)

Findings from training (cont'd)

- Practical group work was highly appreciated
- Teachers prefer training at regional center & aimag center
 - * Regional center 39.4%
 - * Aimag center 37.3%
 - * Soum school 4.2 %
- Contents and in advance distribution of manuals were beneficial

Thank you!



Any questions?

Sustainable development

Report of field visit in rural Mongolia -- From technological point of view

Tokyo Tech team

Telemeeting from Mongolia

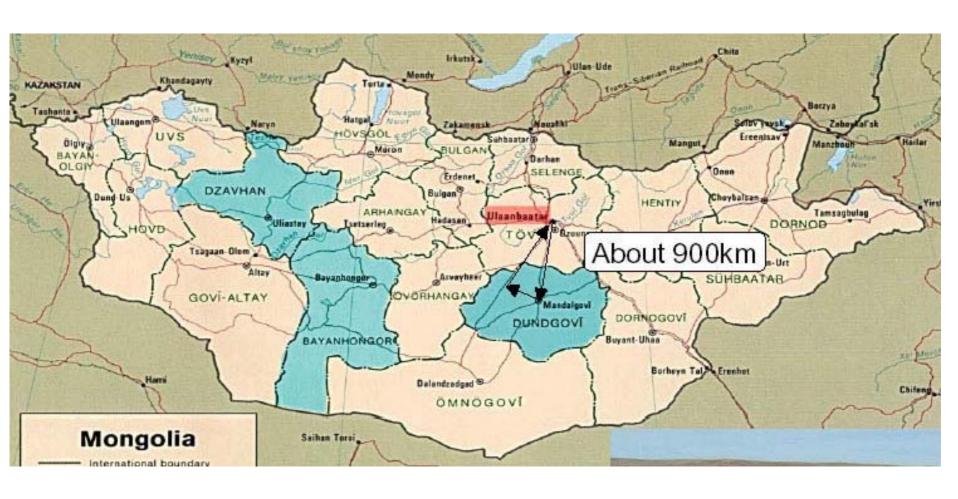


Telemeeting from Mongolia



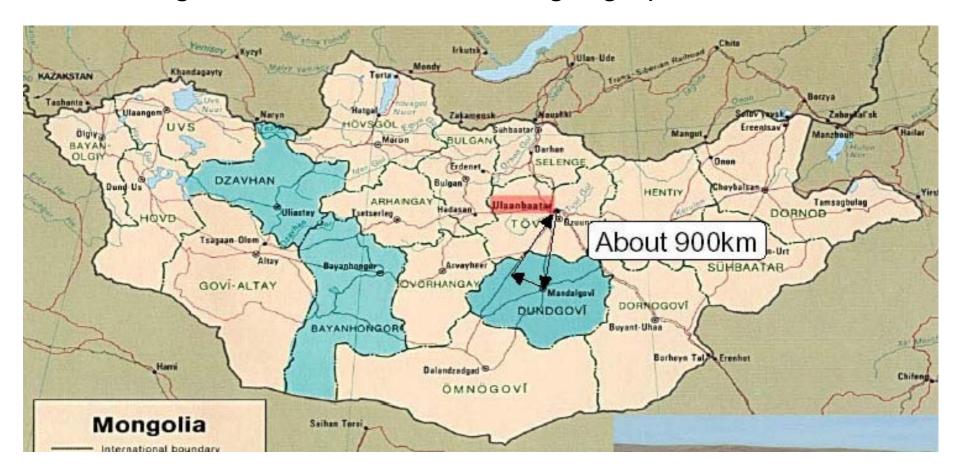
The soums (village) we visited

- Uliastai: aimag (province) center
- Numrug: aimag regional center of northern area



Power grid

- CEG (Central energy grid), WEG, EEG
 - Regional characteristics with geographical condition



Local effective media for training

- How is the availability of electricity?
- What kind of electric equipment is available in soum?
 - Radio, TV, Video cassette recorder (VCR), Video CD (VCD) ...
- What kind of storage media are available in the market?
 - CD, floppy, DVD
- Sustainability issue

Scenery from the top of hill



• PC rooms



- Electricity: only in the evening (7 to 11 pm)
 - School principal from Otgon soum:
 "Reliable power supply in school is my future dream as a school principal"
 "Radio is a only source of information, since there is no electricity"
- 7 PCs (only one connecting to internet with UPS)
- Who maintain PCs?
 - In the case of repairing...

• Teachers of informatics (right side)



PC game shop is full of children



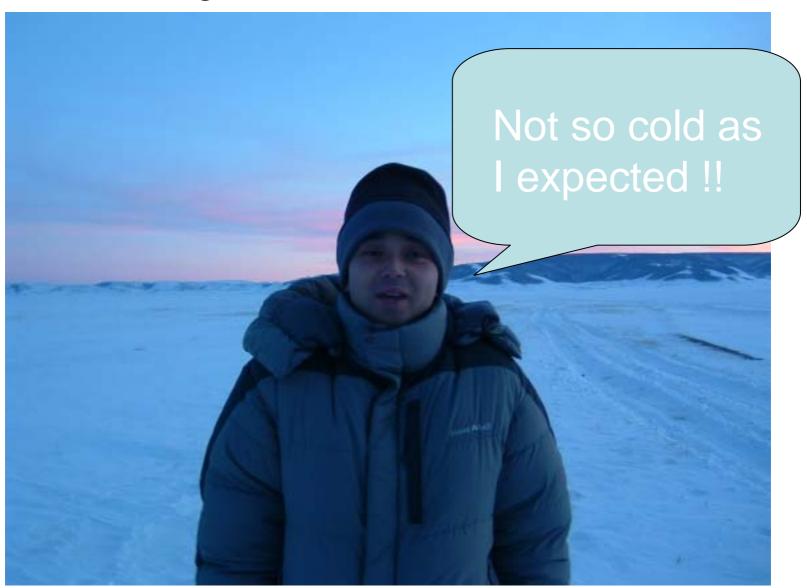
On the way to Numrug

Having fresh air



On the way to Numrug soum

Minus 20 degree Celsius



On the way to Numrug soum

• EARTH IS LARGE!!!



No electricity



• In fact ...



Dormitory to be rehabilitated





- Inside the dormitory
 - Rehabilitation of walls and ceiling
 - Many grass-root projects introduced
- How about the sustainability?

What happened to the gym?



School independent diesel engines

Diesel engines for school facilities





- Electricity: not available at all
- School independent diesel engine works temporarily
- Only radio is available
- Only half room of dormitory has heating.
 Many students are waiting to be accommodated.

 But in households, VCD and VCR is widely available

Fire wood for heating



• She is making a document.



Only one telecom center



Only one telecom center

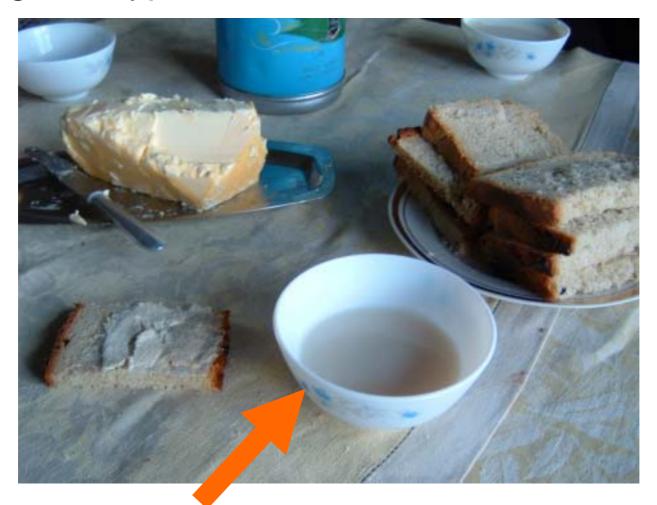






Souvenir for you

Mongolian typical milk tea



Notice: this milk tea is not sweet!! (little salty)