

CIEA Seminar 2006

Effective learning for sustainable action

from 13 to 26 August 2006
at the Agricultural Institute IAG,
Grangeneuve, Posieux, Switzerland



25th International Course on vocational Training
and Education in Agriculture



Mandated by the Federal Office for Agriculture (FOAG), Berne, Switzerland,
under the direction of the International Centre for Agricultural Education (CIEA),
the Swiss College of Agriculture (SHL), Zollikofen, Switzerland holds the

CIEA-Seminar 2006

in cooperation with

SDC, Berne Swiss Agency for Development
and Co-operation of the Federal
Department of Foreign Affairs

FAO, Rome United Nations Food and
Agricultural Organisation

and under the patronage of

UNESCO, Paris United Nations Educational,
Scientific and Cultural Organisation

ETH, Zurich Swiss Federal Institute of
Technology Dep. of Agricultural
and Food Sciences

SVIAL, Zollikofen Swiss Association of Agronomists
and Food Technologists



CIEA Management

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A brief introduction to the CIEA

The CIEA (International Centre for Agricultural Education) is an international study centre for education and extension both in agriculture and in rural areas. The CIEA is based at the Federal Office for Agriculture (part of the Swiss Federal Department of Economic Affairs) in Berne. It was founded in 1956 on the suggestion of F. T. Wahlen, at that time director of the Agriculture Department of the FAO in Rome. The CIEA holds seminars – in Switzerland and abroad – for experts in agricultural education and extension. Since 1995 the CIEA has been managed by the Swiss College of Agriculture, Zollikofen.

What participants is the CIEA-Seminar aimed at?

The CIEA-Seminar is aimed at experts in agricultural training and extension (heads, lecturers, teachers and extensionists) who have a university degree and several years' experience in agricultural vocational training. It is also open to people who work in administration and are responsible for agricultural education. The CIEA-Seminar is intended for participants coming from industrialised, emerging and developing countries.

What general aims does the CIEA-Seminar pursue?

When setting the goals and planning the seminar programme for 2006, the organisers had the following challenges in mind:

- Teachers and extensionists want their teaching/extension work to produce a real and long-term effect on the students.
- Directors want the teaching/the extension work at their institutes to be successful und create long-term benefit for their clients.
- Persons in charge of an administration (e.g. in ministries) want the framework conditions for education and extension to be created in such a way that they can function as efficiently and effectively as possible.

Effective learning for sustainable action

Central ideas about the CIEA-Seminar 2006

"Sustainability is a complex concept which cannot be understood with theories and simple rules alone. Not least because of this, it is both difficult and enjoyable to talk about sustainability." (Fischer and Hahn, 2001). The statement made by two German scientists is not only valid for ecological, economic and social sustainability, but also for sustainable, effective teaching/learning processes.

The concept of "sustainability" originally comes from forestry, but was extended to ecological policy and ecological research in the 1970s. Today, the concept has acquired a new and much bigger significance in politics, technology, materials research, sociology, but also in connection with learning.

From this point of view, two aspects of the topic of the CIEA-Seminar 2006 have to be explored.

The aspect of "effective, sustainable learning"

Removed from the original context, "sustainability" became in the 1990s a goal and a characteristic of good teaching and learning within and outside schools. According to this idea, good teaching has to lead to effective, sustainable learning. This kind of learning should help the students to gain permanent access to what they have learnt in the form of knowledge and competences and to be able to apply it in various future situations. Therefore, the students have to acquire the necessary competences and not only accumulate factual knowledge. Within the framework of the CIEA-Seminar 2006, the concept of "effective, sustainable learning" has to incite the participants to think about how permanent and valuable learning can be achieved.

The aspect of "sustainable action"

For agricultural education and extension there exists – apart from effective learning - a second challenge closely linked to the concept of sustainability. People living in the rural area have to be encouraged to act sustainably. Furthermore strategies for sustainable action have to be developed together with these people. Only if problems are analysed in a comprehensive way and decision made taking into consideration various influences, there is the possibility that working and living conditions in the rural area can be improved in the long term. Where can we start in education and extension processes in order to create sustainable action? These are issues that will be raised during the seminar and in particular discussed and addressed with concrete examples.

If we manage to plan and realise effective teaching/learning processes, they can lead – and this is the aim of the seminar organisers – to varied, sustainable action among the students.

Guiding questions

The following guiding questions for the seminar work of the CIEA-Seminar 2006 are based on the above mentioned central ideas:

- How is the concept of “effective learning” understood and how can it be realised under various framework conditions?
- What prerequisites and general conditions have to be met in order to carry out effective teaching/learning processes?
- What measures from learning psychology, didactics and methodology contribute to turn teaching/learning processes among students or adults into successful, long-lasting learning results?
- What methods or project ideas of agricultural education and extension offer good prerequisites so that strategies for sustainable action can be developed together with the people living in the rural area?
- What kind of experience have experts from agriculture and other areas made with effective learning processes for sustainable action?

Programme structure and working method during the seminar

In general, the various topics are dealt with in introductory lectures given by competent experts. Afterwards, each topic is thoroughly digested either in small working groups or in plenary discussions. The participants are expected to take an active part in both. In addition, individual learning sequences as well as other ways of teaching and learning are planned.

Important and very much appreciated parts of the programme are the excursions and visits for example to agricultural institutes, farms as well as the one-day visit to a Swiss farmer's family.

An active participation and collaboration in these activities is facilitated and expected. The management of the seminar furthermore expects the participants to contribute – during and after the seminar – to the transfer of what they have learnt into their own working life.

Aims of the CIEA-Seminar 2006

The participants:

- clarify or extend the concept of effective learning or effective teaching/learning processes from various points of view (learning psychology, didactics, methodology, organisation).
- demonstrate with concrete examples how effective learning can be planned and realised in a variety of ways for different target audiences and different contents.
- demonstrate and discuss how issues and questions concerning sustainable thinking and action in agricultural education can be taken into consideration on different levels.
- explain and discuss with interesting examples from education and extension how sustainable action in the rural area can be promoted.
- are encouraged to plan concrete measures for their own institutions in order to substantially improve the teaching/learning processes in their professional environment.

Within the framework of its activities, the CIEA wants the participants to achieve the following aims – besides working on the seminar topic:

The participants:

- exchange their experience as teachers/extensionists in agriculture and/or in the rural area
- gain insight into selected education and extension institutes and the way they function from a didactic and organisational point of view
- analyse and compare different educational systems
- draw their own conclusions and profit from the seminar for their own working life.

The aim of the CIEA-Seminar is to become an interesting and exciting meeting between experts in education and extension.

Opening of the seminar

Monday	14 August	Effective learning for sustainable action Opening ceremony
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First part of the seminar

Tuesday	15 August	Learning and sustainability: correlations, challenges, concrete ideas from the point of view of vocational education and economy
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Wednesday	16 August	How do teaching/learning processes become effective? Sustainable learning from the point of view of learning psychology and didactics.
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Thursday	17 August	Training and extension for sustainable action
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Friday	18 August	Sustainable teaching and learning presuppose adequate framework conditions und well-managed institutions
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Saturday	19 August	Visit to Swiss farmer families
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Sunday	20 August	Day off (optional excursions)
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Second part of the seminar

Monday	21 August	Joint excursion
Tuesday	22 August	Teaching sustainable action and decision-making necessitates the promotion of special competences How can the special competences necessary for sustainable action be promoted
Wednesday	23 August	What contributions does the information and communication technology (ICT) make to effective teaching/learning processes? Extension processes for sustainable action
Thursday	24 August	Working on the transfer Country projects Ideas for individual work
Friday	25 August	Lifelong learning means effective and sustainable learning Reasons, ideas, concrete measures End of the seminar

Arrival of the participants, Sunday 13 August

from 2 pm to 5 pm Enrolment in the seminar office of the CIEA at the agricultural institute of the canton of Friburg, Grangeneuve, Posieux, Switzerland

from 6 pm on Joint dinner and welcoming address by the director of the CIEA

Opening of the seminar, Monday 14 August

9.30 am **Introduction into the CIEA-Seminar 2006**
Roland Stähli
Director of the CIEA,
Berne, Switzerland

9.45 am **Message of greeting by the host canton**
Pascal Corminboeuf
Governing council of the canton of Friburg,
Switzerland

10 am Opening speech on the seminar topic:
"Learning and consulting for sustainable action in the rural area: Needs, experiences and claims from the point of view of the SDC"
Ambassador Walter Fust
Director of the Swiss Agency for Development and Co-operation (SDC), Berne, Switzerland

10.25 am Opening speech on the seminar topic:
"Learning and consulting for sustainable action in the rural area: Needs, experiences and claims from the point of view of HELVETAS"
Melchior Lengsfeld
Director of HELVETAS (Swiss Association for International Co-operation), Zurich, Switzerland

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- 10.55 am Central ideas on the seminar topic:
“How do education and extension support the sustainable action of farmers in Switzerland”
Prof. Jacques Morel
Vice-director of the Swiss Federal Office for Agriculture, Berne, Switzerland
- 11.20 am **Message of greeting**
Francis Egge
Director of the Agricultural Institute of the canton of Friburg, Grangeneuve, Posieux, Switzerland
- 11.30 am Aperitif
- 12 noon Lunch
- 2 pm Introduction into the seminar work:
“Effective learning for sustainable action”
Prof. Roland Stähli
Director of the CIEA
(Centre international d'études agricoles),
Berne, Switzerland
- 2.45 pm Short experience reports by farmers and students
“When was the last time I have learned successfully in my life?”
- 4 pm First meetings in the groups
- 6 pm Dinner

Tuesday 15 August

8.30 am

Learning and sustainability: correlations, challenges, concrete ideas from the point of view of vocational education and economy

Prof. Dr. Andreas Fischer
University of Luneburg, Germany

- establishing the basic principles
- working in groups
- discussion in the plenary

12 noon

Lunch

1.30 pm

Learning for sustainable action

Presentation of two case studies

Program Promipac, Central America

Dr. Orlando Caceres
Promipac, El Salvador

**Forestry education, Vietnam
Sampel of Vietnam**

Dr. Dang Dinh Boi, Ho Chi Minh University of
Agriculture and Forestry , Vietnam
Mrs Ngo Thi Kim Yen, Hanoi University of
Technology, Vietnam

6 pm

Dinner

Wednesday 16 August

8.30 am **How do teaching/learning processes become effective?: Sustainable learning from the point of view of learning psychology and didactics**

Prof. Peter Singer
Solothurn Teacher Education College, Solothurn,
Switzerland

- establishing the basic principles
- ensuing in-depth work on the topic by the participants

12 noon Lunch

1.30 pm **The effects of varied, effective teaching/learning processes**

Presentation of case studies from Africa

Prof. Dr. Irmfried Neumann
working group FORMATIKA, Freiburg,
Germany

In-depth work in groups

5 pm **Tour of the IA Grangeneuve**

7 pm Dinner

8 pm Participants present their countries, institutes and fields of work

Thursday 17 August

8.30 am **Training and extension for sustainable action**

Presentation of two case studies

Case study Germany

Gabriela Hahn
University of Luneburg, Germany

AGRECOL, Bolivia

"Training of local leaders to offer services in resource management and participatory planning in rural municipalities"

Anne Piepenstock
Fundación AGRECOL Andes, Bolivia

12 noon Lunch

1.30 pm Departure for the visit to an educational institute

"We train and consult for sustainable action!"

Visit to the agricultural centre for education and extension, Schupfheim, in the UNESCO Biosphere Reserve Entlebuch, canton of Lucerne. Switzerland

Friday 18 August

8.30 am

**Sustainable teaching and learning
presuppose adequate framework
conditions und well-managed
institutions**

What is well-managed educational institute?
What are the characteristics of a sustainably
successful institution?

Prof. Dr. emeritus Rolf Dubs
University of St. Gall, Switzerland

- establishing basic principles
- in-depth discussion in the plenary

12 noon

Lunch

1.30 pm

**Educational institutes, which of them support
effective learning and sustainable action**

Presentation of two case studies

**University of Kassel,
department of ecological agriculture,
Witzenhausen, Germany**

Prof. Dr. Maria Finckh
University of Kassel, Witzenhausen, Germany

CODESSER, Chile

Dr. Mariana Martelli
CODESSER, Santiago, Chile

4 pm

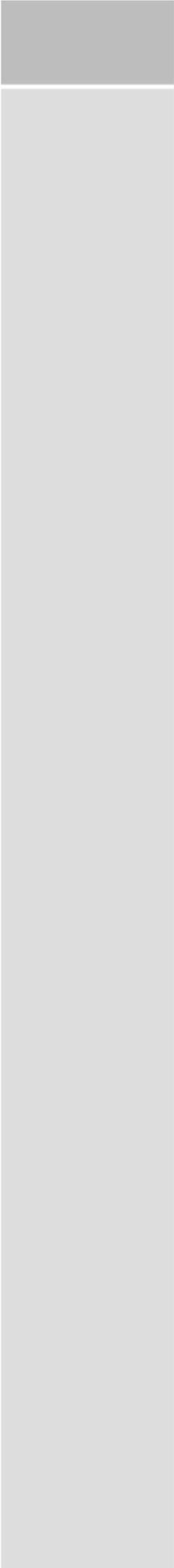
In-depth work in groups

6 pm

Dinner

7.30 pm

Participants present their countries, institutes
and fields of work



Saturday 19 August

Visit to Swiss farmer families

General insight into the life and work of Swiss farmers

Exchange of experiences and discussions about various issues

Sunday 20 August

Day off (optional excursions)

Monday 21 August

Joint excursion

Tuesday 22 August

- 8.30 am **Teaching for sustainable action and decision-making necessitates the promotion of special competences**
- Ideas, experiences and findings from a research project in Switzerland
- Dr. Christine Künzli
University of Berne and College of Pedagogy, Solothurn, Switzerland
- presentation of basic ideas
 - in-depth work on the topic together with the participants
- 12 noon Lunch
- 1.30 pm **How can the special competences necessary for sustainable action be promoted**
- Resumption of the morning's work
- 6 pm Dinner
- 7.30 pm Participants present their countries, institutes and fields of work

Wednesday 23 August

8.30 am

What contributions does the information and communication technology (ICT) make to effective learning processes?

ICT and effective, sustainable learning: principles, experiences and recommendations

Associate Professor Roger Pettersson
University of Uppsala, Sweden

12 noon

Lunch

1.30 pm

Extension processes and methods for sustainable action

The method of “outcomemapping”

Daniel Roduner
AGRIDEA, Lindau, Switzerland

4 pm

Departure for the visit to an alpine cheese dairy

Dinner at an alp

Thursday 24 August

8.30 am

Working on the transfer

Strengthening the competences: Experiences gained by the FAO

Presentation of a case study

Jean Bonnal
Rural Development Division, FAO, Rome

Country projects

Ideas for individual work

Working in groups

12 noon

Lunch

1.30 pm

Further in-depth work on the topic

3.30 pm

Information market

Concrete situations and examples from the participants and other experts in education and extension (e.g. AGRIDEA, CDE, FiBL, SAAF)

6 pm

Dinner

Friday 25 August

9 am **Lifelong learning means effective and sustainable learning**

Reasons, ideas, concrete measures

Prof. Dr. Christopher Knapper
Queen's University, Kingston, Ontario,
Canada

- Synthesis with ensuing plenary discussion

12 noon Lunch

2 pm **Final plenary meeting of the seminar**

from 3 pm on Free time

6.30 pm **Closing ceremony**

Saturday 26 August

Day of departure

Subject to alterations concerning content and organisation of the seminar

Enrolment In order to attend the CIEA Seminar 2006 please complete the attached enrolment form and send it to the

**CIEA Secretariat
Federal Office for Agriculture
CH-3003 Berne, Switzerland**

Deadline for **31 March 2006**

enrolment fees **For the entire seminar
13 – 26 August 2006**

2,500 Swiss francs

This includes accommodation,
food, course fees and excursions

For one day

190 Swiss francs

This includes documentation and lunch

Insurance Medical and other insurances (accident etc.) have to be arranged by the participants at their own expense. (This does not apply to scholarship holders.)

Payment details The enrolment becomes definite once we have received your payment of the fees on the following account:

Account number 494.352.0.02 at the “Berner Kantonalbank“ in Berne

Credit cards can not be accepted

Cancellation

Refunds in case of cancellation of the enrolment:

before 14 July 2006	80 % seminar fees
from 15 – 31 July 2006	50 % seminar fees
from 1 August 2006	0 % seminar fees

In case of failure to appear, the seminar fees will not be refunded.

Application for scholarship

The application forms as well as information can be found on our website: www.ciea.ch

Complete the application form for scholarship and send the original to the secretariat by

31 March 2006.

Further information

Secretariat CIEA
Federal Office for Agriculture
CH-3003 Berne (Switzerland)

Telephone

0041 (0) 31 322 26 19

Fax

0041 (0) 31 322 26 34

E-Mail

heidi.huerlimann@blw.admin.ch

Website

www.ciea.ch

Seminar languages**Lectures and plenary discussions**

Simultaneous interpretation into English, French and German. (The Spanish speaking participants are allowed to make their remarks, ask their questions in their mother tongue.)

Work-groups

English, French, German, Spanish

Written summaries of the lectures

English, French, German, Spanish

Accommodation

The Agricultural Institute of the canton of Fribourg
Grangeneuve
CH-1725 Posieux, Switzerland

If necessary, extra accommodation will be provided in a guest house in Fribourg

Participants are accommodated in single rooms with running water and showers/lavatories on the same floor. Please bring your own toiletries.

Meals

Meals will be taken together in the Agricultural Institute of the canton of Fribourg, Grangeneuve

Breakfast 7.30 am

Lunch 12.15 pm

Dinner 6 pm

**Postal address,
secretariat and
information during
the seminar
(13 – 26 August)**

CIEA Secretariat
c/o Institut agricole de l'Etat de
Fribourg, Grangeneuve
CH-1725 Posieux, Switzerland

Telephone 0041 (0) 26 305 55 36

Fax 0041 (0) 26 305 55 32

E-mai ciea_seminar@msn.com

Telephone / Fax

Participants can be contacted under the
following numbers:

Telephone: 0041 (0) 26 305 55 36

Fax: 0041 (0) 26 305 55 32

E-mail: ciea_seminar@msn.com

**Banks/
Money Change**

There are various banks (and bureau
with "Change" signs) in Fribourg.
The "Change" at Fribourg railway station
(Counter 1) is open every day continuously,
6 am – 8.30 pm.

Information bureau

The Fribourg Area Tourist Information
Bureau is next to Fribourg railway station.
Follow the signs "I = Information".

Opening times:

Monday to Friday: 8 am to 12 noon
2 pm to 6 pm

Saturday: 9 am to 12 noon
2 pm to 4 pm

Distance from airports	from Zurich airport	160 km
	from Geneva International airport	120 km

By train Take the “Städteschnellzug” (Intercity express) or the “Schnellzug” (express train) to Freiburg (Fribourg).

At Fribourg railway station you could either:

Phone (026) 305 55 36 and wait to be collected by the CIEA courtesy bus;

or:

Take the public bus (marked „Bulle via Le Bry“) to Grangeneuve. The GFM bus station is behind Fribourg railway station. The bus stop is marked „Institut agricole, Grangeneuve“.

By car Leave the N12 motorway at the exit marked „Fribourg Sud“.

From Berne:
follow direction „Payerne“, then follow direction „Bulle“ until the turn-off marked „Grangeneuve“.

From Lausanne:
follow direction „Bulle“ until the turn-off marked „Grangeneuve“.

Then follow the signs „Institut agricole“ (approx. 6 km from the motorway).

Approximate travelling time to Grangeneuve-Posieux	from Basel	2 hrs
	from Berne	½ hr
	from Geneva	1½ hrs
	from St. Gall	3 hrs
	from Zurich	2 hrs

CIEA Advisory Committee

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CH-5070 Frick

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Helvetas (Swiss Ass. for Internat. Co-operation)
CH-8042 Zurich

Enrolment for the CIEA – Seminar 2006

Electronic enrolment on the website
(www.ciea.ch) is also possible

Secretariat CIEA
Federal Office for Agriculture
Mattenhofstrasse 5
CH - 3003 Berne (Switzerland)
Telephone 0041 (0)31 322 26 19
Fax 0041 (0)31 322 26 34
E-Mail heidi.huerlimann@blw.admin.ch

**Deadline
for enrolment:
31 March 2006!**

PLEASE WRITE IN BLOCK CAPITALS. THANK YOU!

Mr. Mrs./Ms. Titel

Surname

First name

Date of birth

Nationality

Street/post office box

Post code/City

Country

Profession

Employer/current employment

Telephone

Fax

E-Mail

Language for simultaneous interpretation in the plenary

German English French

Language for group work and documentation

Deutsch English French Spanish

I would like to participate in the 25th CIEA-Seminar 2006 in Grangeneuve.
The enrolment becomes definite once we have received your course fees.

- For the entire seminar from 13 – 26 August 2006
 For single days (please write the dates here).

Place, date, signature

