PLANET – PLan for Agriculture reNewable Energy Training

D5.2 - Optimised and final version of the training	
Document description:	The platform will be the final place to train people with PLANET material.
Partner responsible:	Austrian Biomass Association
Date of approval by the QC	17 December 2020
Work package title:	Testing and launch of the training
Task title:	Task 5.4: Analysis of the test and final optimization
Status (F: final; D: draft; RD: revised draft):	F

UNIVERSITÀ DEGLI STUDI DI TORINO

Confagricoltura
We Grow Masterpieces

CCS
energia pulita

INFOR·ELEA
Smart Business Academy

AERES

AGRAR Plus

ÖSTERREICHISCHER BIOMASSE-VERBAND
AUSTRIAN BIOMASS ASSOCIATION

TECSOL
Bureau d'études techniques en énergie solaire

aGRICULTURES & TERRITOIRES
CHAMBRE D'AGRICULTURE BRETAGNE

PLANET – PLan for Agriculture reNewable Energy Training

Table of Contents

PLANET – PLan for Agriculture reNewable Energy Training

1 Tasks description

After the running of the full training experimentation, results will be analysed and used to optimise the different modules with regards to surveys distributed during the experimentation.

In the wake of task 5.4, ABA will be in charge of receiving trainees' and trainers' surveys on the experimentation and will write a report including remarks and advices on potential improvements.

Partner responsible of the content to be improved will work on the optimised version of the trainer's training version with respect to the report mentioned above.

Partner responsible of the content to be improved will work on the optimised version of the trainee's training version with respect to the report mentioned above.

UNITO will make the changes in the platform interface when requested.

2 Full training experimentation for trainees

The full-scale training of the material has been carried out at national scale in Austria, Italy, France and the Netherlands. A total of 231 learners have been involved in this training (deliverable 5.1). After the participation, each student was invited to fill out a satisfaction survey on the material presented in the course. The satisfaction survey has been prepared by INFOR ELEA within the quality assurance system with the collaboration of training centres. From the 231 learners involved in the training, a total of 174 surveys could be collected.

2.1 Quality assessment - satisfaction survey

After completing the full-scale training, students were able to fill out a survey considering their satisfaction of the learning course with the possibility of reporting eventual remarks or improvements. The satisfaction surveys were translated previously in each partners language (Italian, French, German and Dutch) and then being presented throughout Google Form® allowing the students to attend the surveys under the following web addresses:

Dutch: https://docs.google.com/forms/d/e/1FAIpQLSdy1BFz8MNPfaDyttu-tnzHIPWWQ62WXrVONdYvC6XRKk2qyA/viewform?usp=sf_link

France:
https://docs.google.com/forms/d/e/1FAIpQLSeJRkqar6n5Q0PCYiU3_oyeBArGBj504NMpDU6l_5nsPYL1IA/viewform?usp=sf_link

PLANET – PLan for Agriculture reNewable Energy Training

German: https://docs.google.com/forms/d/e/1FAIpQLSddi1I7P7TkKYLLa1fgd8DcQ59liKbNDK85BTPO0N87Khz-Wg/viewform?usp=sf_link

Italian: https://docs.google.com/forms/d/e/1FAIpQLSf2Go3zHJ4684SH0boluDn-9p8oieHgT-Blzi5pxixLUiifkA/viewform?usp=sf_link

The survey itself consisted in 11 questions allowing an evaluation of the course in terms of Relevance, Completeness, Accuracy and Reliability.

2.2 Content of the satisfaction survey

As previously noted, the quality assessment was fulfilled by answering 11 questions previously prepared by the partners and presented throughout Google Form®. The questions in the survey could be answered according to the following legend, with the possibility of adding additional remarks.

■ Fully Agree   ■ Agree   ■ Neutral   ■ Somewhat disagree   ■ Disagree

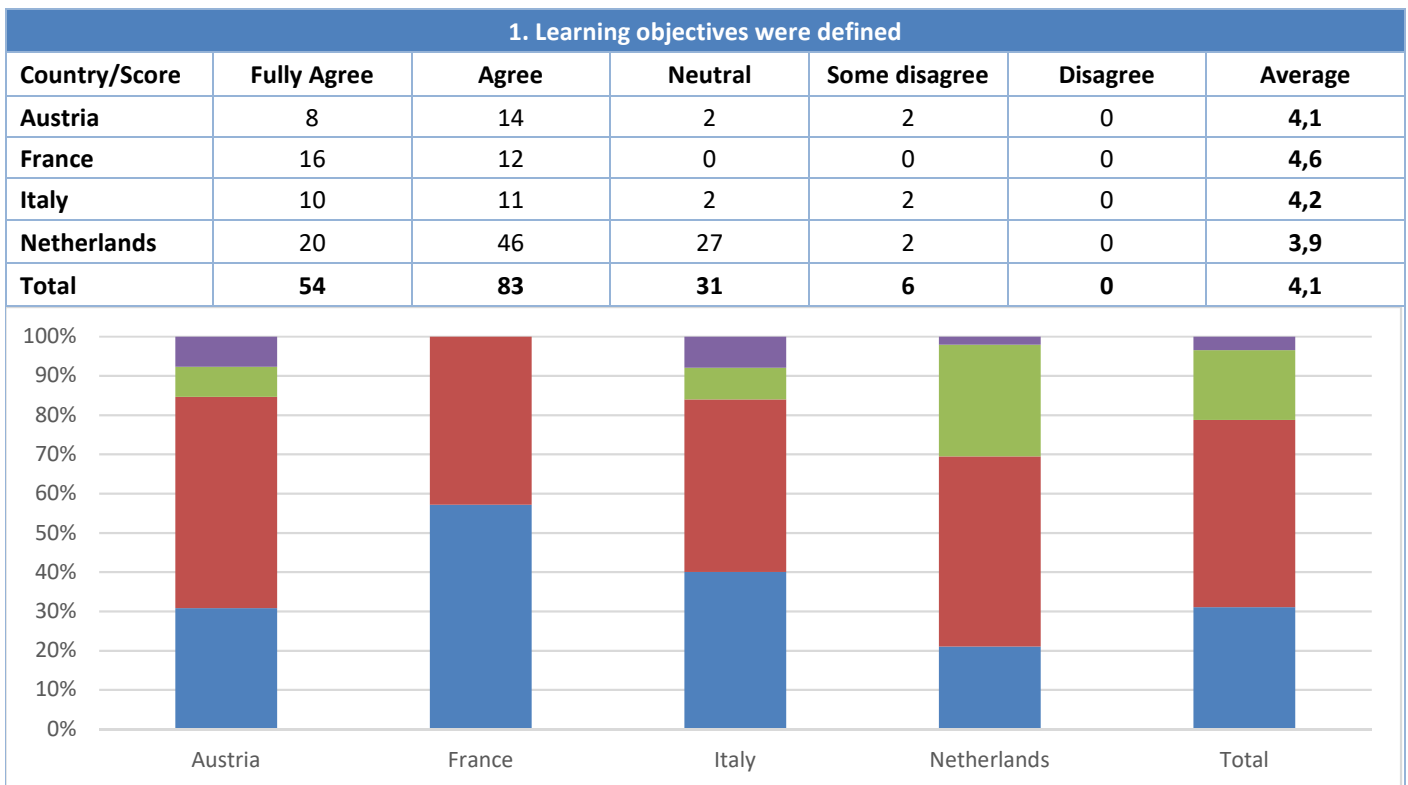The subjects in question enrolled in the student survey were the following:

1. The learning objectives were defined.
2. The course content was consistent with the objectives.
3. I think I can apply the new skills in my future job.
4. The format of the learning content was appropriate.
5. The amount of time to complete this course was appropriate.
6. The learning material was accessible.
7. The visual design of the course materials was appropriate.
8. The overall difficulty of this course was appropriate.
9. The questions asked in the assignments were appropriate.
10. The tutoring activity was adequate.
11. I'm satisfied with this course.

3   Results of the survey

In the following part the results of the 174 surveys collected will be presented for each question considering the national and total outcome. In order to be able to quantify the results, each possible answer was graded, reaching from 5 (fully agree) to 1 (disagree).

PLANET – PLan for Agriculture reNewable Energy Training

3.1 Results collected

| 1. Learning objectives were defined						
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	8	14	2	2	0	4,1
France	16	12	0	0	0	4,6
Italy	10	11	2	2	0	4,2
Netherlands	20	46	27	2	0	3,9
Total	54	83	31	6	0	4,1

Considering the definition of the learning objectives, the results from the student survey ranged from 3,9 (Netherlands) to 4,6 (France). In total the learning objectives can be graded as well defined (score 4,1).

2. The course content was consistent with the objectives					
Country/Score	**Fully Agree**	**Agree**	**Neutral**	**Some disagree**	**Disagree**	**Average**
Austria	6	16	1	2	1	**3,9**
France	14	13	0	0	1	**4,4**
Italy	8	13	3	1	0	**4,1**
Netherlands	23	48	21	2	1	**3,9**
Total	**51**	**90**	**25**	**5**	**3**	**4,0**
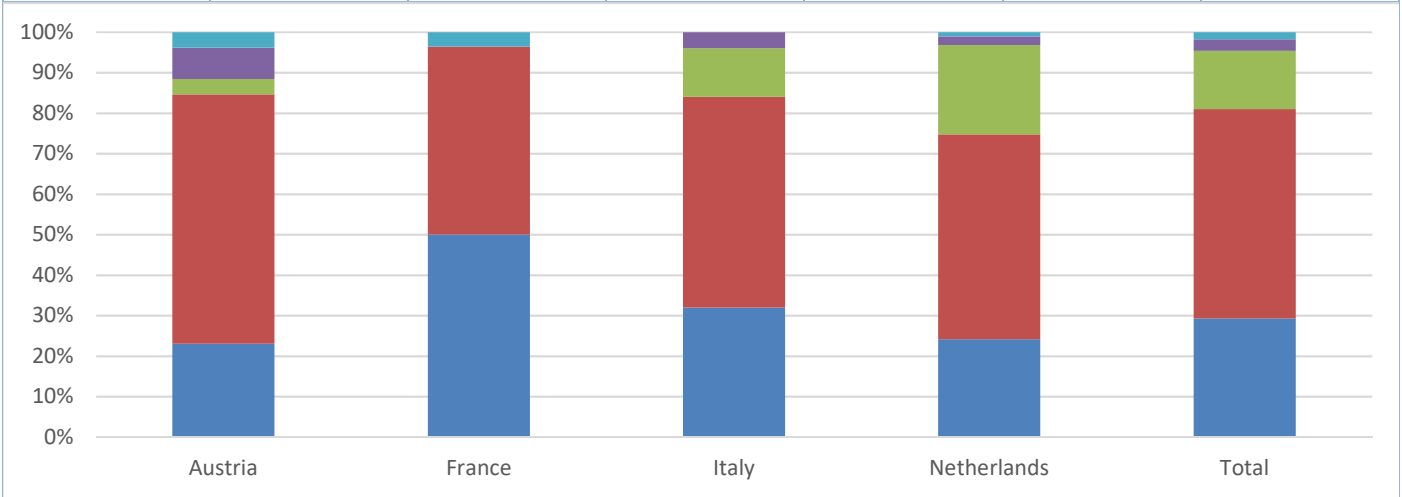
Considering the consistency of the course content regarding the objectives, the results from the student survey ranged from 3,9 (Netherlands, Austria) to 4,4 (France). In total the course content can be graded as well consistent with the objectives (score 4,0).

| 3. I think I can apply the new skills in my future job					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	7	6	10	0	3	3,5
France	13	12	3	0	0	4,4
Italy	8	6	10	1	0	3,8
Netherlands	17	37	35	5	1	3,7
Total	45	61	58	6	4	3,8
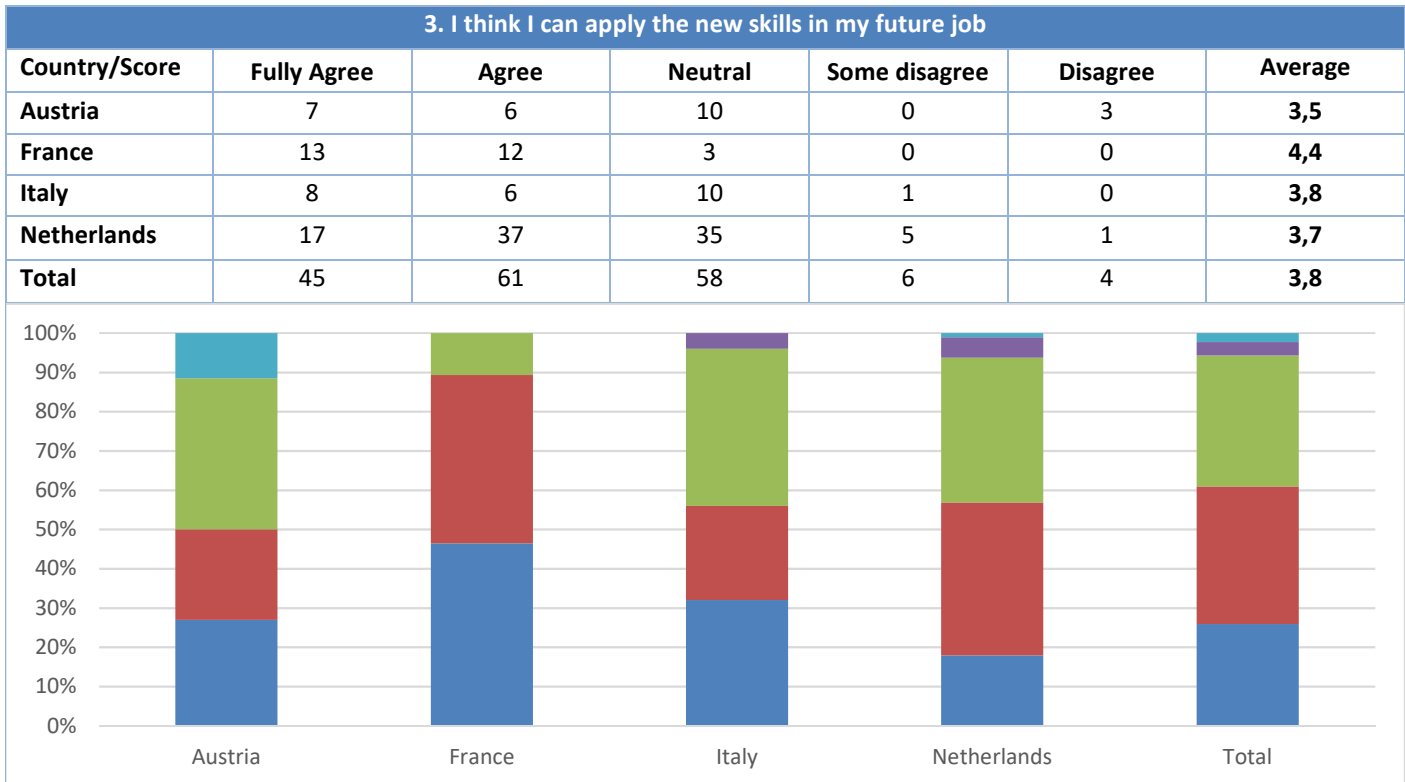
Considering the probable appliance of the new skills in a future employment, the results from the student survey ranged from 3,5 (Austria) to 4,4 (France). In total the new skills learned during the course are likely to be applied in the future employment (score 3,8).

| 4. The format of the learning content was appropriate					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	11	8	4	2	1	**4**
France	10	12	3	0	3	**3,9**
Italy	7	8	5	4	1	**3,6**
Netherlands	19	49	24	2	1	**3,9**
Total	47	77	36	8	6	**3,9**
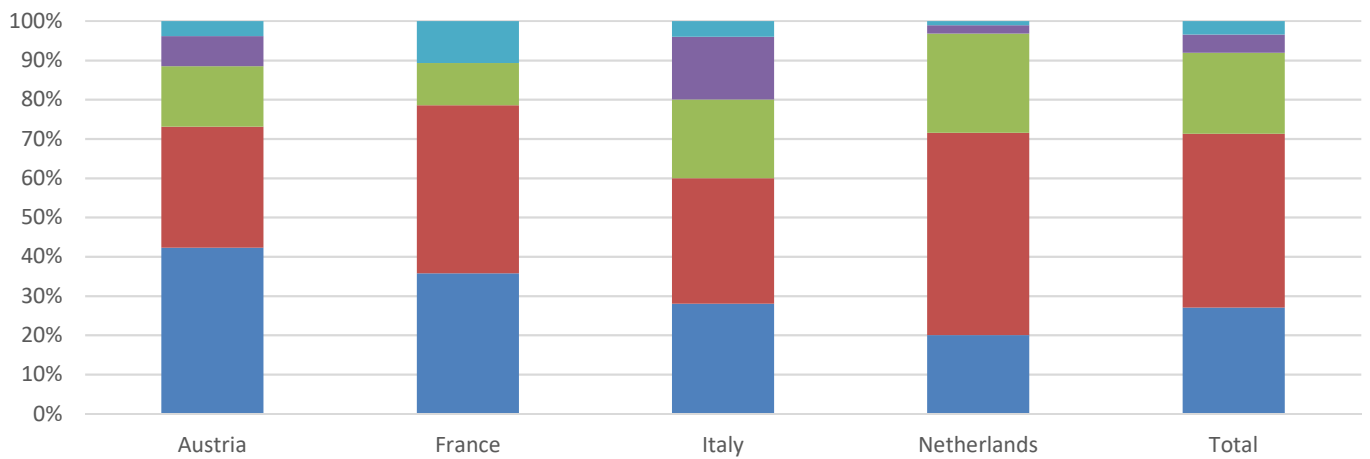
Considering the format of the learning content, the results vary from the student survey ranged from 3,6 (Italy) to 4 (Austria). In total the format of the learning content can be seen as well appropriate (score 3,9).

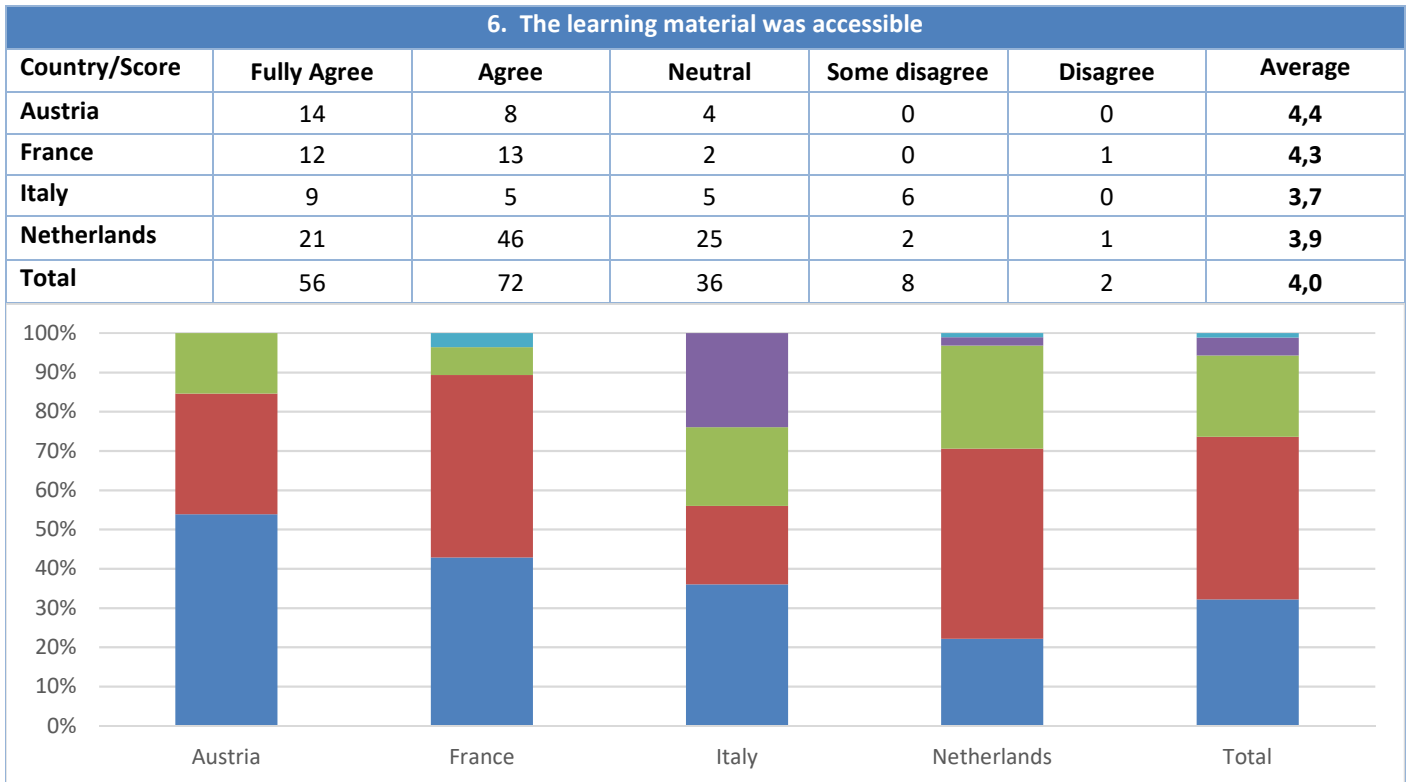# PLANET – PLan for Agriculture reNewable Energy Training

5. The amount of time to complete this course was appropriate						
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	10	7	7	1	1	**3,9**
France	7	14	5	1	1	**3,9**
Italy	8	7	4	4	2	**3,6**
Netherlands	25	34	30	4	2	**3,8**
Total	50	62	46	10	6	**3,8**
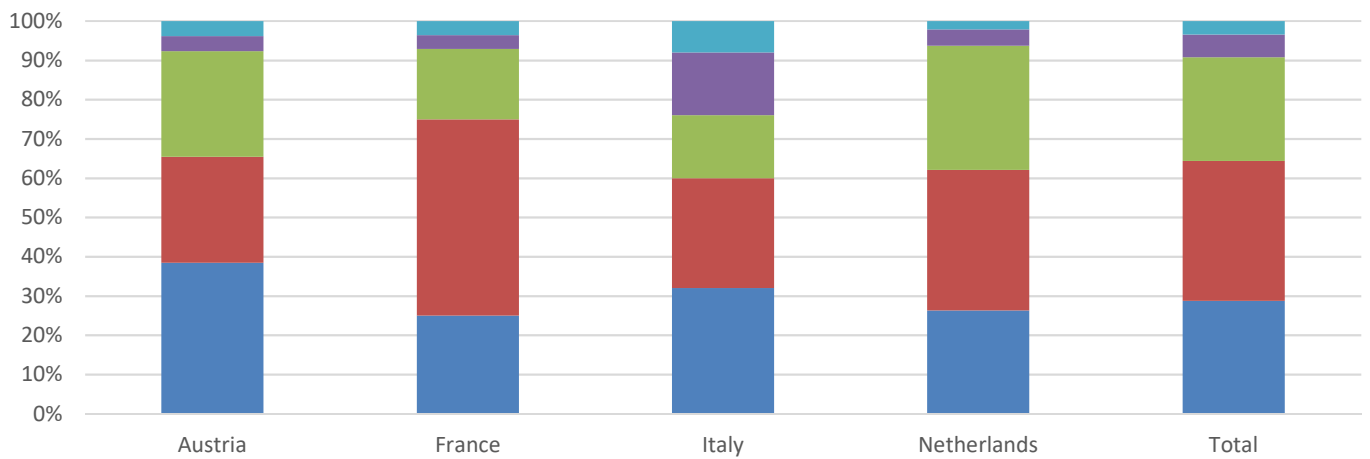
Considering the amount of time provided to complete the course, the results from the student survey ranged from 3,6 (Italy) to 3,9 (Austria, France). In total the amount of time provided to complete the course can be seen as well appropriate (score 3,8).

| 6. The learning material was accessible					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	14	8	4	0	0	4,4
France	12	13	2	0	1	4,3
Italy	9	5	5	6	0	3,7
Netherlands	21	46	25	2	1	3,9
Total	56	72	36	8	2	4,0

Considering the accessibility of the learning material, the results from the student survey ranged from 3,7 (Italy) to 4,4 (Austria). In total the learning material can be seen as well accessible (score 4).

PLANET – PLan for Agriculture reNewable Energy Training

| Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
7. The visual design of the course materials was appropriate						
Austria	10	8	7	1	0	**4,0**
France	10	14	3	0	1	**4,1**
Italy	8	8	9	0	0	**4,0**
Netherlands	25	45	25	0	0	**4,0**
Total	53	75	44	1	1	**4,0**
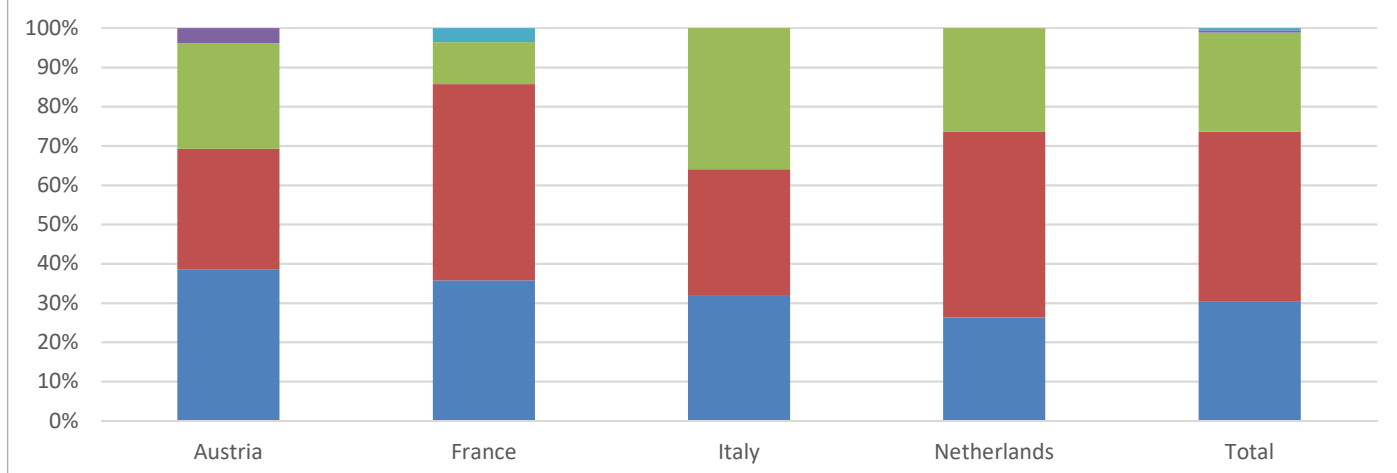
Considering the visual design of the course materials, the results from the student survey ranged from 4 (Italy, Austria, Netherlands) to 4,1 (France). In total the course material can be seen as well designed (score 4).

| 8. The overall difficulty of this course was appropriate					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	9	8	8	0	1	3,9
France	7	17	3	0	1	4,0
Italy	9	10	4	2	0	4,0
Netherlands	14	48	23	7	3	3,7
Total	9	8	8	0	1	3,8
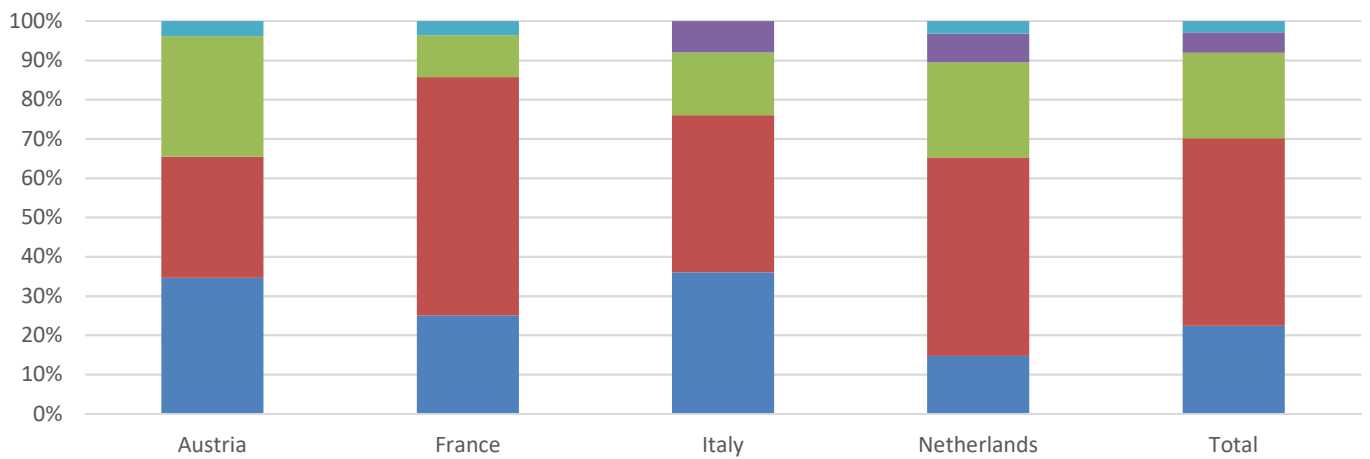
Considering the overall difficulty of this course, the results from the student survey ranged from 3,7 (Netherlands) to 4,0 (France, Italy). In total the overall difficulty of this course can be seen as well appropriate (score 4).

PLANET – PLan for Agriculture reNewable Energy Training

Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
9. The questions asked in the assignments were appropriate						
Austria	8	8	7	1	2	**3,7**
France	10	10	3	1	4	**3,8**
Italy	7	7	4	3	4	**3,4**
Netherlands	24	49	21	1	0	**4,0**
Total	49	74	35	6	10	**3,8**
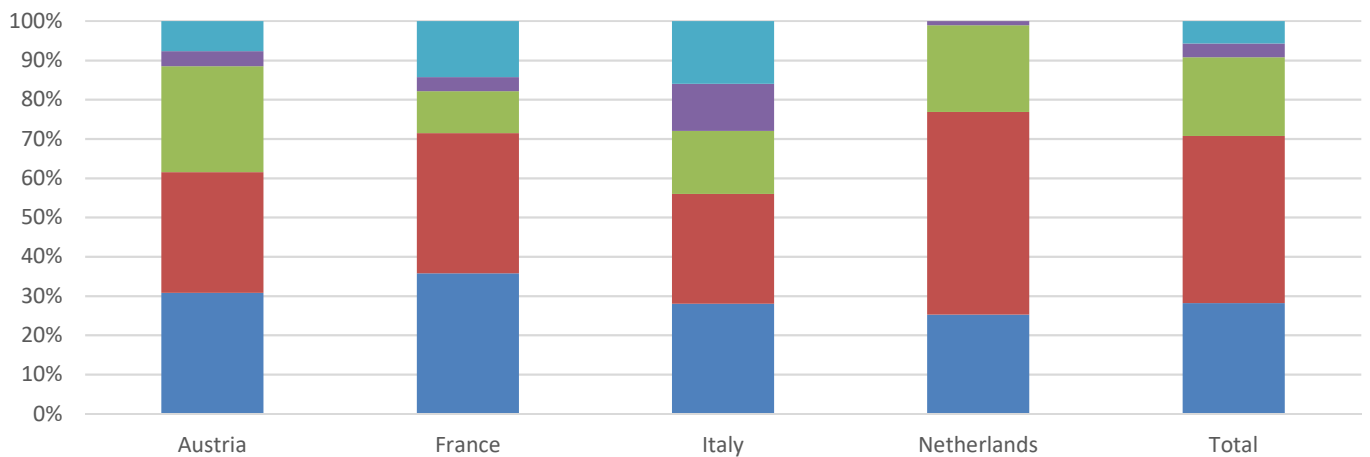
Considering the questions asked during the assignments, the results from the student survey ranged from 3,4 (Italy) to 4,0 (Netherlands). In total the questions asked in the assignments can be seen as well appropriate (score 3,8).
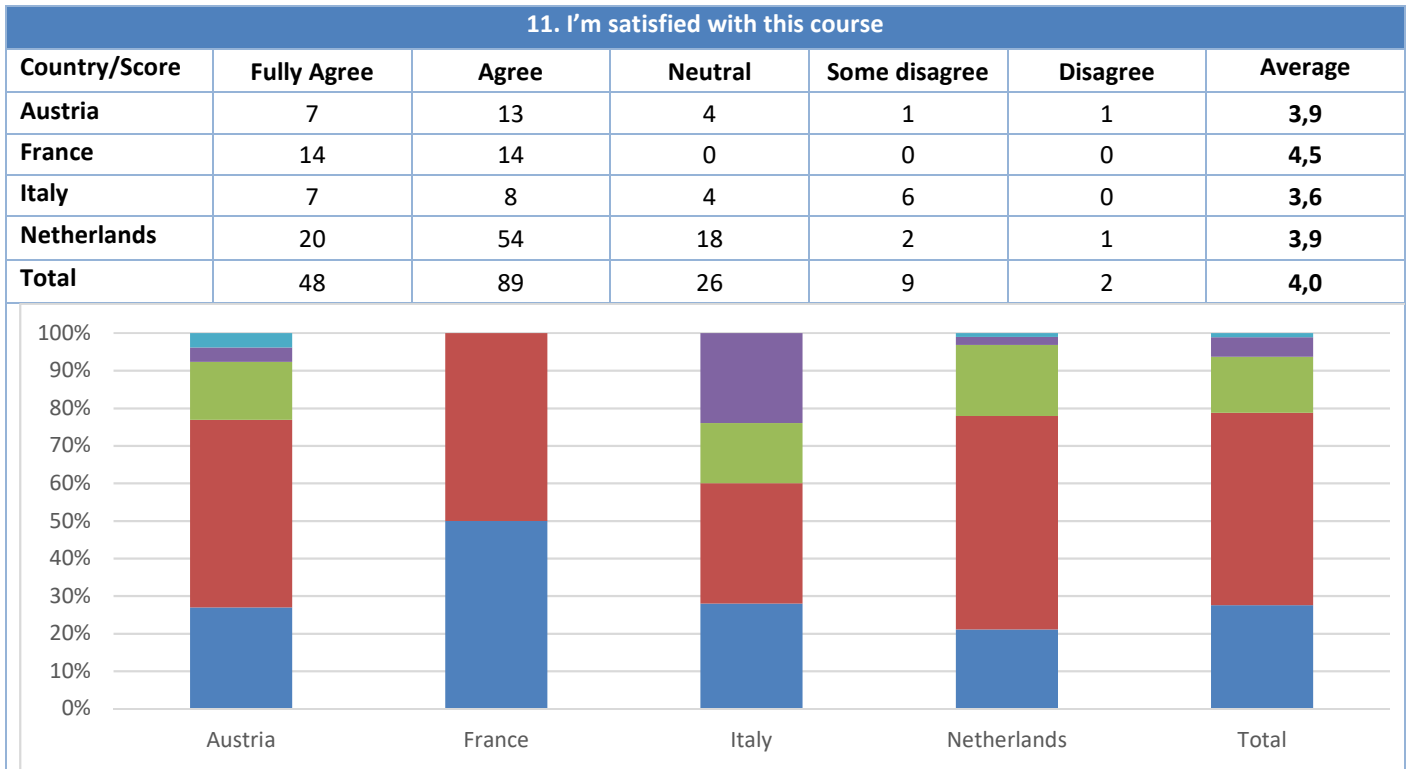
PLANET – PLan for Agriculture reNewable Energy Training

Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
10. The tutoring activity was adequate						
Austria	11	9	6	0	0	**4,2**
France	9	12	7	0	0	**4,1**
Italy	13	5	7	0	0	**4,2**
Netherlands	27	45	18	4	1	**4,0**
Total	60	71	38	4	1	**4,1**
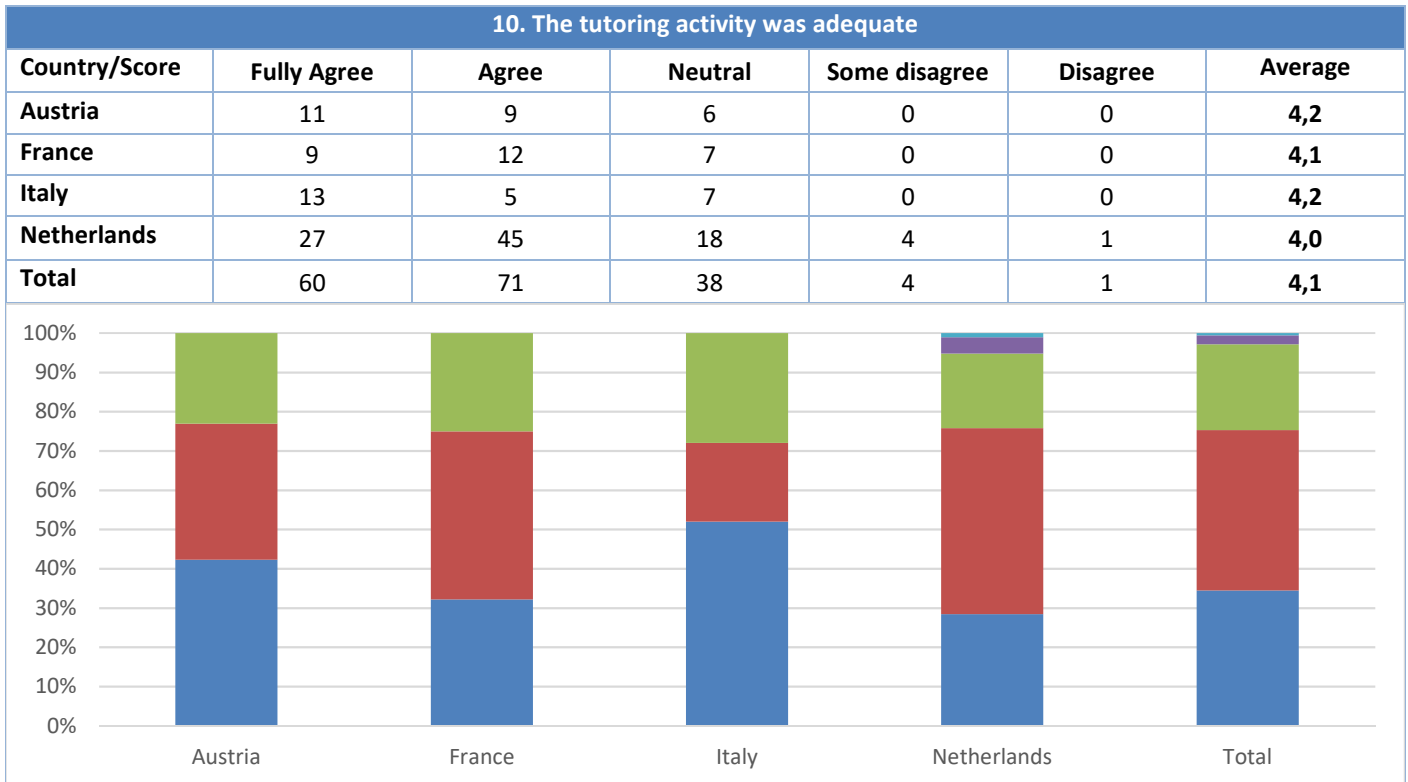
Considering the tutoring activity, the results from the student survey ranged from 4,0 (Netherlands) to 4,2 (Austria, Italy). In total the tutoring activity during the course can be seen as adequate (score 4,1).

PLANET – PLan for Agriculture reNewable Energy Training

11. I'm satisfied with this course					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	7	13	4	1	1	**3,9**
France	14	14	0	0	0	**4,5**
Italy	7	8	4	6	0	**3,6**
Netherlands	20	54	18	2	1	**3,9**
Total	48	89	26	9	2	**4,0**

Considering the satisfaction with this course, the results from the student survey ranged from 3,6 (Italy) to 4,5 (France). In total the students where well satisfied with the course (score 4).

4 Conclusion

Following the full-scale training of 231 students, 174 satisfaction surveys could be collected. The results weighted according to the number of responses, can be seen in the table below. Considering the overall satisfaction with this course, the results from the student survey ranged on average from 3,9 (Italy, Netherlands) to 4,2 (France). In total the students where well satisfied with the course (score 4).

Overall Satisfaction rate					
Country/Score	Fully Agree	Agree	Neutral	Some disagree	Disagree	Average
Austria	9	10	5	1	1	**4,0**
France	11	13	3	0	1	**4,2**
Italy	9	8	5	3	1	**3,9**
Netherlands	21	46	24	3	1	**3,9**
Total	**50**	**76**	**38**	**7**	**4**	**4,0**