

Where do you find renewable primary products used in households and in industries?
- Here are some examples:



Fuel based on vegetable oil made its way into everyday life.



Lubricants produced from vegetable oil are designed as replacements for conventional lubricants based on mineral oil.



More and more people attach great importance to a healthy environment. The choice of new environmentally - friendly building materials and insulation is increasing.



A lot of useful household appliances are produced by using renewable primary products. Natural products may cause comfortable feelings on your skin as well.



The range of possible uses has escalated in recent years. A multitude of possible applications is proved in science and practice. The EU intends to raise the use of biomass for the production of energy.



Automotive components made from more than 80 % vegetable fibres - no dream of the future anymore. Natural fibre reinforced plastics are used more commonly in everyday life.



Energy produced from plants can convert into solid, liquid and gaseous energy sources. Thus it can be used in all kinds of ways.

General information:

The training takes place at the 'Berufsbildenden Schulen II' in Gifhorn.

Contact:

Address: **BBS II Gifhorn**
I. Koppelweg 50
D-38518 Gifhorn

Tel: **049-(0)5371 9465-0**
Fax: **049-(0)5371 9465-13**
E-mail: **verwaltung@bbs2-gifhorn.de**
Home: **www.bbs2-gifhorn.de**

Office hours: **Monday to Friday: 8am-3pm**

Teachers to contact:

Carsten Melchert (leader)
Heike Biemer
Klaus Krauth
Peter Ludewig

Duration: **two years**
Full-time
Training **35 lessons a week**

Project-partners

- BBS I Gifhorn
- Regional education centre for sustainability Hankensbüttel (REBINA)
- Regional companies, working with renewable raw materials.



Berufsbildende Schulen II
des Landkreises Gifhorn
Europaschule



English edition

Certified Technical Assistant

for processing renewable primary products

Future-orientated and
professional training at the
'Berufsbildenden Schulen II'
in Gifhorn / Germany



official project of the
UN-Decade 2007/2008
Education for Sustainable
Development

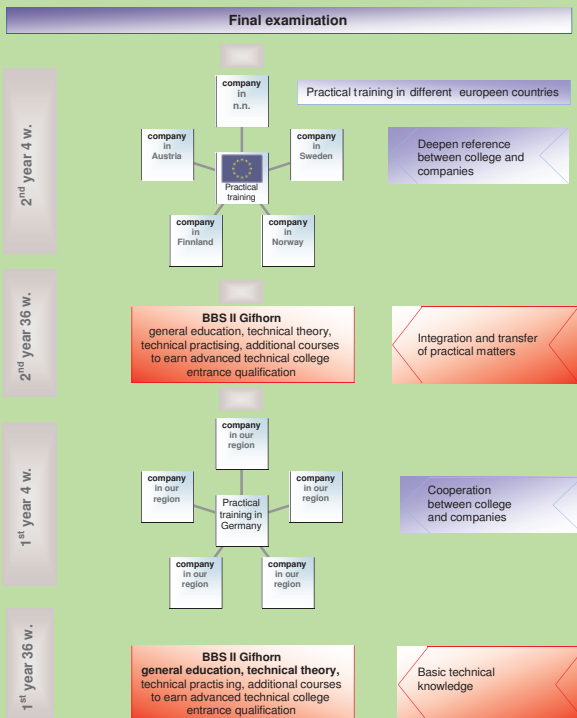


The educational choice at the BBS II aims at interested students who graduated from secondary school with good grades. We open up new vistas in the range of renewable primary products. In cooperation with BBS I we offer a qualified and future-oriented education.

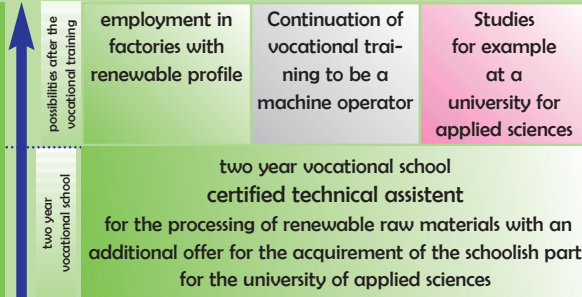
The close cooperation between our college of vocational education and the manufacturing companies guarantees a high amount of practical training which means a good occupational career.

- ▲ In addition we offer an advanced technical college entrance qualification.
- ▲ A third possibility is the changeover to an in-firm training in consideration of earned qualification.

Workschedule for two years



Graduated students from secondary school with high marks



The teachers are

Name	Subject
Carsten Melchert	Social studies, LF2, LF6
Claus Drescher	Physical education
Wolfgang König	Religious education, LF3
Jens Niemeyer	Mathematics
Jörg Kosfeld	LF 1, LF 5
Heike Biemer	English, LF 4
Peter Ludewig	Practical training (mechanical engineering)
Alfred Kuschel	Practical training (electrical engineering)
Tanja Hesse	German
Dr. Reinhard Schrader	LF 9
Torsten Lohmeier	LF 10
T. Wolff von der Sahl	LF 8
Hans-Günter Bock	Sustainability



the NaWaRo-Team

Subjects, total periods, per week within two years* (LF = module)

Basic lessons and practising	U-Std
German/Communication	}
English	
Social studies	
Physical education	
Religious education	
	6

Manufacturing technology*) 14

- ▲ LF 1 Producing parts of machines, devices and systems
- ▲ LF 2 Work flow in production
- ▲ LF 3 Specific manufacturing technologies for renewable primary products

Power and Process engineering*) 14

- ▲ LF 4 Cycles of energy and matter
- ▲ LF 5 Conventional engineering, biotechnological engineering

Systems engineering*) 4

- ▲ LF 6 Maintenance of machines and systems
- ▲ LF 7 Activating and operating manufacturing plants

Biotechnology 4

- ▲ LF 8 Cultivating renewable primary products

Computer science and electrical engineering*) 12

- ▲ LF 9 Planning, analysing and adjusting control systems
- ▲ LF 10 Information engineering: programs and computer systems

Additional courses to earn the degree of advanced technical college entrance qualification

German	4
English	4
Mathematics	8
Total (2 years)	70

*) the modules includes the mathematical-naturalscience-technical subjects and the technical practising.