Vegacomp CONSULTING

Innovate Networks. Re-Design Business.

dibkom

Deutsches Institut für Breitbandkommunikation – dibkom

German Institute for Broadband Communications – dibkom

Berlin,

24 – 26th of October, 2022

Basic Training for Fiber Optic Experts before working in FTTH projects in Germany

About dibkom

Since 2002, the German Institute for Broadband Communications aims to:

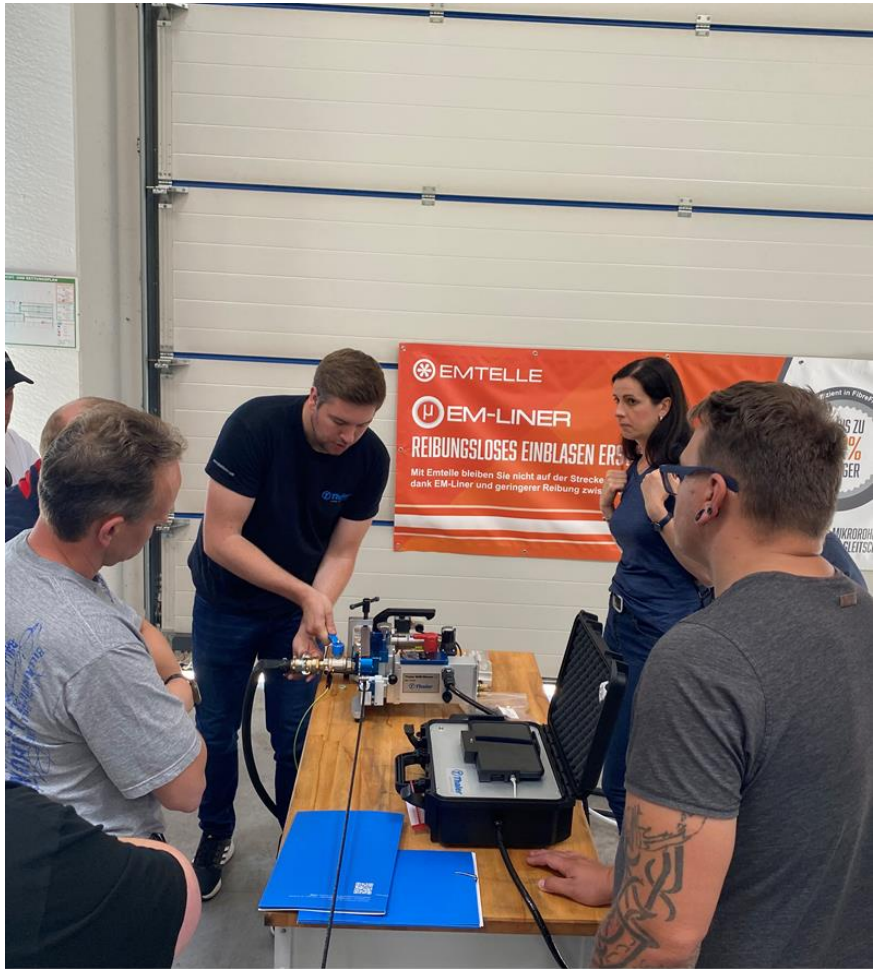
- ensure **quality of broadband networks**
- foster a **sustainable expansion** of high-speed networks
- promote **education of professionals**, i.a. in the field of electrical trade

We ensure the quality of broadband networks
trainings (in-class and online) | certifications |
symposiums | reference books

Dibkom certificates

- ✓ dibkom certificates for professionals and specialised companies give recognised proof of expert competencies in network technology
- ✓ the technical knowledge acquired in dibkom-symposiums and the „dibkom-edition“ manuals has achieved reference status in the sector





- **Cooperation Vegacomp / dibkom:**
  Training
  Workshops
  Events
  Encouraging

Vegacomp Services

Smart City

- Smart City Projects implementation (done in Bucharest, 4th District, Constanta, Piatra Neamt & Alba Iulia)
- Smart City Solutions delivery (Smart Parking, Smart Metering)
- Smart City trainings
- Smart City Scan of Romania (6 editions published within 2018-2022)

Fiber Optic Infrastructure

- Fiber Optic Network Design
- Fiber Optic Trainings
- Fiber Optic Consultancy
- Fiber Optic Network Technical Audit
- End-to-End services
- Fiber Optic Networks personalized components (prefab handholes, composite poles, cabinets etc)

Smart Metering

- 4 in1 remote reading platform for:
  - Electricity
  - Water
  - Gas
  - Heating
- Energy efficiency services
- Integration with other types of sensors/meters

Smart Parking

- Indoor/outdoor complete parking systems with sensors
- Office parking system
- Real-time display of parking availability map
- Data analysis and visualization for parking efficiency
- Parking Data broker

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1. Description of the course module

The basic course provides knowledge in an application-oriented manner and it's designed as a so-called **on-boarding course**. In this way, we ensure a school environment in adult education and focus on practical and common processes on construction sites in a legal context with many Fiber Optic projects running and opportunities.

The course structure will make possible to set up and operate a construction site in the Federal Republic of Germany. At the same time, the course participant receives information on current Fiber Optic projects, materials and solutions, including legal principles.

1.1. Target

This eliminates uncertainty and transfers basic knowledge. The participant receives a certificate of participation: "Basic and technical course" and it’s introduced to the current actors from the Germany Fiber Optic broadband market.

After this course and more practical experience, the advanced courses can be booked for specific activities like Civil Works, Cable Installation, Fiber Optic Splicing/Testing, Fiber Optic Network Design etc.

Agenda:

Day 1 – Monday, 24th of October:

- Explanations of the network layers
- Solutions for network layer 3:
  - Deutsche Glasfaser
  - Deutsche Telekom
  - Subsidized broadband expansion (funding program) – Open Access Model
- Discussion and practical examples
- DIN norm color code 0888
- Legal framework for erecting a construction site

Agenda:

Day 2 – Tuesday, 25th of October:

- Erecting a construction site
- Protection of the construction
- Basics VOB and road law
- Legal framework for works for FTTH
- Where from to take work certificates?
- Transfer of ownership and complaints
- Notice of defects
- Tests, Acceptance and Invoicing
- Mass takeoff / quantity determination

Agenda:

Day 3 – Wednesday, 26th of October:

- Preliminary and approval planning
- Use of new techniques, laying methods
- Professional execution of civil engineering processes
- Technical data sheets and installation instructions
- Site management
- Where from to take materials and equipments
- Behavior in the event of defects

Location:

The location of the course is in Berlin, at atene KOM Akademy

Stellwerk Nordbahnhof,
Schwartzkopffstraße 11,10115 Berlin,

Tel +49 (0)30 22183-0, info@atenekom.eu
(Where there is a true part of Berlin Wall)



More details and Trainers:

Duration of course is 3 days, Monday, 24th to Wednesday, 26th of October, 2022

Time: from 9 am to 5 pm with one hour lunch break (12 to 1 pm).

Each day will have at the end 1 hour for free discussions + Q&A.

The course has 3 certified trainers: Andreas Prestin (dibkom), Stephanie Sill (Emtelle) & Cornel Barbut (Vegacomp)

The course include ½ day field trip.

Costs:

Dibkom & Vegacomp are providing all the materials for the courses including the education material and the lunch every day.
Each course is ended by a Certificate. Other costs (like accommodation or transport) belong to the participants.

The number of trainees is between 8 and 15 persons.

The cost for this Course is **1200 Euro/participant** and it will be paid to Vegacomp account latest on 17th of October, 2022.

More info regarding our fiber optic trainings:
Vegacomp: https://vegacomp.ro/fiber-optic-training/
Dibkom: https://dibkom.net/kurse/

TRAINER: Cornel Barbut

• **Background**: MSc of Electronics and Telecommunications Faculty Iasi, Romania, 1993
• **Professional experience** almost 30 years in fiber optic, at national and international level, with copper cables, HFC and Fiber Optic networks.

- As Telecom engineer for **Teleconstructia** between 1993 and 1995, as Supervisor on Fiber Optic Backbone for **Siemens**, 3,5 years in Romania (3500 km) and as *Installation Manager* for Siemens Nigeria 2 years for copper and fiber works. From 2001, experience of 7 years working for a big telecom operator, **RCS&RDS (DIGI)** as Network Development Director, growing-up the FO backbone with OPGW from 1,000 to 4,000 km in 3 years, contribution to extending massively the MAN networks with ADSS, with additional position as Purchasing Manager for 3 years and Rights of Way Manager for 1 year. For 5 years worked as Chief of Operations Officer for **NETCITY Telecom**, Infrastructure operator, managing the complete execution of 900 km of Open Access network in Bucharest with micro-cables hosted from 26 clients.

Training

- Trained by TOMEN, SIRTI, SIEMENS, PIRELLI, CTTS UK and more than other 10 certificates for other competences (Trainer, Finances for Managers. Budgeting, PR, Communications, Negotiation, Performance Management and others).
- **As Trainer, trained more than 300 persons in Nigeria, Romania and Croatia for several companies, starting from 2000**
  - Trainings done in English, Romanian and French
  - AFOR, in 2013 - 2020: over 250 people trained in Romania
  - Croatia – Open Fiber Training Center in Vinkovci with TPV partnership
- FTTH Council Europe:- organsiign 3 workshops “Fiber Optic Trainings in Europe”
- SCTE partnership and Fiber Optic Splicing Course recognition/certification

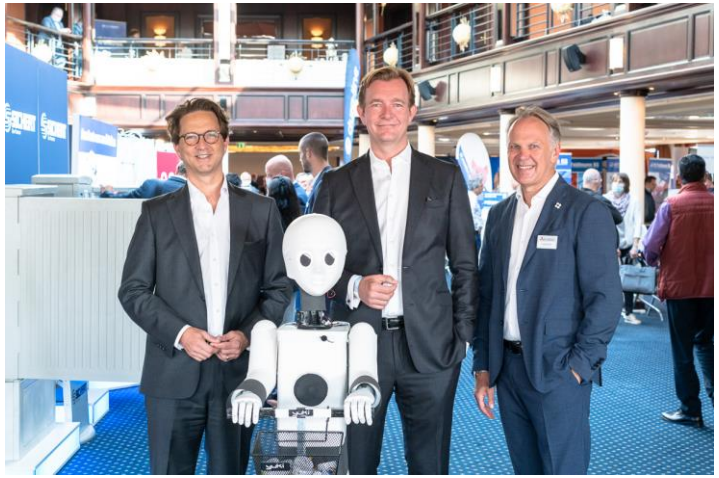
TRAINER: Andreas Prestin

16 Years in the fiber roll out business,
Since more than 7 years trainer for the dibkom GmbH,
Creating and organizing workshops, events and fairs.

Strong sales focus and 1200 followers on LinkedIn!

https://www.breitband-events.de/







dibkom.

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