



**Pilot Training 2** in the frames of the cooperation project between PRAAG and RETech

*“Sustainable waste management and recycling in Ghana”*

Date: August 24<sup>th</sup> – 27<sup>th</sup> 2021

Place: “Innovate Workspaces”, 1425, Kojo Thompson road, near Evangel Assemblies of God, Ghana

To participate, please register at the following link:

24 August: 10:00-14:45 (GTM) / 12:00-16:45 (CET)

25 August: 10:00-14:45 (GTM) / 12:00-16:45 (CET)

26 August: 10:00-16:00 (GTM) / 12:00-18:00 (CET)

27 August: 10:00-14:55 (GTM) / 12:00-16:55 (CET)

**Trainers (on site):**



**Fatimé Diallo**, Project Engineer, Rodiek & Co. GmbH,  
<https://www.nehlsen-rodiek.com/>



**Rebecca Bliklen**, Project Management, BlackForest Solutions GmbH,  
[www.blackforest-solutions.com/](http://www.blackforest-solutions.com/)



**Edward Antwi**, Scientific Assistant for Envero GmbH,  
[www.envero.eu](http://www.envero.eu)



**Trainers (online and supervision):**



**Claudia Bunkenborg**, Managing Director, Nehlsen AG,  
<https://www.nehlsen-rodiek.com/>



**Dr. Abdallah Nassour**, Project Manager, Envero GmbH,  
[www.envero.eu](http://www.envero.eu)



### Agenda, Day 1 (August 24<sup>th</sup> 2021) Fundamentals of waste management

|  | <b>Time (GTM / CET)</b>       |
|--|-------------------------------|
| ● Filling out of the participants' lists and welcoming words                       | 10:00 - 10:25 / 12:00 - 12:25 |
| ● All experts: Introduction and general information about the aims of the training | 10:25 - 10:35 / 12:25 - 12:35 |
| ● Rebecca Bliklen: Workshop 1: Introduction round                                  | 10:35 - 10:55 / 12:35 - 12:55 |
| ● Break 5 min  | 10:55 - 11:00 / 12:55 - 13:00 |
| ● Rebecca Bliklen: Workshop 2: Needs and challenges in waste management            | 11:00 - 12:00 / 13:00 - 14:00 |
| ● Lunch Break  | 12:00 - 13:00 / 14:00 - 15:00 |
| ● Fatime Diallo: Value chain and stakeholders                                      | 13:00 - 13:30 / 15:00 - 15:30 |
| ● Fatime Diallo: Placement in the local network                                    | 13:30 - 14:30 / 15:30 - 16:30 |
| ● Finalization, feedback round and Q&A session                                     | 14:30 - 14:45 / 16:30 - 16:45 |

### Agenda, Day 2 (August 25<sup>th</sup> 2021) Plastics types and identification

|   | <b>Time (GTM / CET)</b>       |
|---|-------------------------------|
| ● Filling out of the participants' lists, welcoming                       | 10:00 - 10:20 / 12:00 - 12:20 |
| ● Edward Antwi: General introduction to the legal Framework               | 10:20 - 11:00 / 12:20 - 13:00 |
| ● Break 5 min   | 11:00 - 11:05 / 13:00 - 13:05 |
| ● Edward Antwi: Administrative processes for developing a business        | 11:05 - 11:45 / 13:05 - 13:45 |
| ● Lunch Break   | 11:45 - 12:45 / 13:45 - 14:45 |
| ● Rebecca Bliklen: Introduction to sustainable business model development | 12:45 - 13:30 / 14:45 - 15:30 |
| ● All experts: Workshop 3: Business models for aggregators and recyclers  | 13:30 - 14:30 / 15:30 - 16:30 |
| ● Feedback round and Q&A session  | 14:30 - 14:45 / 16:30 - 16:45 |

### Agenda, Day 3 (August 26<sup>th</sup> 2021) Focus on technology

|   | <b>Time (GTM / CET)</b>       |
|---|-------------------------------|
| ● Filling out of the participants' lists, welcoming   | 10:00 - 10:20 / 12:00 - 12:20 |
| ● Edward Antwi: Case study Uni Rostock  | 10:20 - 10:50 / 12:20 - 12:50 |
| ● Questions and answers   | 10:50 - 11:10 / 12:50 - 13:10 |
| ● Break 5 min   | 11:10 - 11:15 / 13:10 - 13:15 |
| ● Fatime Diallo: Advanced focus on technology: Collection                                   | 11:15 - 12:00 / 13:15 - 14:00 |
| ● Fatime Diallo: Workshop 4: Engaging waste generators                                      | 12:00 - 13:00 / 14:00 - 15:00 |
| ● Lunch Break   | 13:00 - 14:00 / 15:00 - 16:00 |
| ● Fatime Diallo & Rebecca Bliklen: Advanced focus on technology - Aggregation and Recycling | 14:00 - 15:10 / 16:00 - 17:10 |
| ● Guest speaker: Input from a local stakeholder   | 15:10 - 15:30 / 17:10 - 17:30 |
| ● Q&A session with the guest speaker, feedback round  | 15:30 - 16:00 / 17:30 - 18:00 |

### Agenda, Day 4 (August 27<sup>th</sup> 2021) Business models

|   | <b>Time (GTM / CET)</b>       |
|---|-------------------------------|
| ● Filling out of the participants' lists, welcoming                 | 10:00 - 10:20 / 12:00 - 12:20 |
| ● Fatime Diallo & Rebecca Bliklen: Plastic types and identification | 10:20 - 11:00 / 12:20 - 13:00 |
| ● Break 5 min   | 11:00 - 11:05 / 13:00 - 13:05 |
| ● Fatime Diallo: Workshop 5: Interactive identification session     | 11:05 - 12:05 / 13:05 - 14:05 |
| ● Lunch Break   | 12:05 - 13:05 / 14:05 - 15:05 |
| ● Rebecca Bliklen: Workshop 6: Improving working conditions         | 13:05 - 14:05 / 15:05 - 16:05 |
| ● Break 5 min   | 14:05 - 14:10 / 16:05 - 16:10 |
| ● Edward Antwi: Workshop 7: Closing session                         | 14:10 - 14:55 / 16:10 - 16:55 |



*Rodiek & Co. GmbH is a wholly owned subsidiary of Nehlsen AG. As a family-owned company with over 90 years of experience and a broad portfolio of waste disposal and recycling services, Nehlsen AG is your specialist for the development and implementation of innovative solutions in the fields of recycling, waste disposal, industrial services and logistics. Together, we stand for sustainable resource management and assume responsibility for people and the environment. At Rodiek, the know-how and network of a corporation meet the start-up character of a young team. We are not only active in Angola, but also work for and with partners in other African countries - Ghana, Guinea and Tunisia, for example. And we are happy about every region, every customer and every partner we can win for our network.*



*BlackForest Solutions is a specialized environmental service provider improving the waste management strategies of its clients. With its segments on Environment, Operations and Consulting, BlackForest Solutions covers relevant aspects of the circular economy: trading with hazardous waste streams, urban mining, operations of waste treatment facilities and the management of complex waste management projects. BlackForest Solutions offers technical and scientific consultancy, feasibility studies and bankable business cases. BlackForest Solutions is specialized in the MENA region, Afghanistan, Pakistan and other emerging markets. Clients are public authorities, private companies, multinational companies, NGOs and international organizations.*



*The team of experts of Envero looks at the main activities of waste management from 2 perspectives. On the one hand from a scientific and on the other hand from an economic point of view. Due to the facts that the management of Envero has been working as a scientist at the University of Rostock for many years as well as having many years of experience in practice, all aspects are considered comprehensively at Envero in order to realize individual and customized solutions for projects of any kind in an optimal way.*