About TIA

• Founded in 1987
• Located in Breitenfelde, near Hamburg
• Planning and turnkey delivery of more than 150 wastewater treatment plants worldwide (20 – 7,500 m³/d) for industries and municipalities
• Optimisation of existing plants
• Consultation on wastewater and recycling projects
• Services

Germany – Europe – Africa – Middle East - Asia
TIA Turn Key Plants for Wastewater Treatment and Recycling since 1987

TIA-FLOCON, inside view

TIA-CONtainer, Cold Commissioning
TIA Turn Key Plants for Wastewater Treatment and Recycling since 1987
TIA Turn Key Plants for Wastewater Treatment and Recycling since 1987
TIA Assembly Kits for Wastewater Treatment and Recycling since 1987
Plants in Africa: (2019)

2 Municipal
5 Hospitals
1 Leachate (from Landfill)
7 Industrial
TIA activities in Ethiopia

2015-2017 Textile Industry – 1000 m³/day
TIA activities in Ethiopia

Environmental conference at ADAMA University 2018
TIA activities in Ethiopia

Slaughterhouse Addis Ababa 2020

Mechanical Pre-Treatment: Screen, Sand and Fat Trap

Equalization

Biological Treatment: Extended Aeration

Chemical-Physical Pre-Treatment: Flotation

Mechanical Pre-Treatment: Screen, Sand and Fat Trap

Equalization

Biological Treatment: Extended Aeration

Chemical-Physical Pre-Treatment: Flotation
Experiences Ethiopia

Decisions take time – for environmental investment

Further delay might arise from time for approvals by authorities

Opening of a Letter of Credit (LC) takes time – amongst other reasons due to temporary lack of foreign currency
Lack of foreign currency might also cause a delay of cash transfer

A local representative of the provider’s bank might be helpful to get in contact with the client’s Ethiopian bank in case of delay

Some fundamental materials are hard to get – reinforcing bars

Mentality is different – like everywhere

Chinese / Indian domination in certain branches
Thank you for your attention

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