

Destinations and Tours:
Tour F1 (full day): Essen-Bottrop-Marl-Herten-Essen

Destinaton	Time	What you see ...
Messe Essen	9.00	
Bottrop / Sewage Plant	9.30 – 11.30	Hydrogen from digester gas, hydrogen CHP, hydrogen filling station
Chemiepark Marl	12.00 – 14.00	Europes biggest hydrogen filling plant and start of North Rhine-Westfalia's 230 km hydrogen pipeline
Herten / Ewald	14.30 – 16.15	First municipal technology centre for hydrogen and fuel cell companies, wind powered water electrolysis, hydrogen production from biomass
Messe Essen	17.00	

Tour F2 (full day): Essen-Juelich-Juelich -Essen

Destinaton	Time	What you see ...
Messe Essen	9.00	
Juelich Research Centre	10.30 – 13.00	Juelich Research Centre pursues fuel cell research and technology development from basic principles to complete systems
Solar tower Juelich	13.15 – 15.30	Solar tower Juelich: more than 2,000 heliostats (mirrors) focus the sunlight on a receiver mounted on the top of a tower. The solar radiation will be contentrad by the factor 1,000. Hydrogen production by high temperature processes is a future option.
Messe Essen	17.00	

Tour H1 (half day): Essen-Herten-Bottrop-Essen

Destinaton	Time	What you see ...
Messe Essen	9.00	
Herten / Ewald	9.30 – 11.15	First municipal technology centre for hydrogen and fuel cell companies, wind powered water electrolysis, hydrogen production from biomass
Bottrop / sewage plant	11.45 – 13.30	Hydrogen from digester gas, hydrogen CHP, hydrogen filling station
Messe Essen	14.00	

Tour H2 (half day): Essen-Muelheim-Duisburg-Essen

Destinaton	Time	What you see ...
Messe Essen	9.00	
Muelheim / MPI	9.30 – 11.00	Research on catalysts and metal hydrides at the Max-Planck-Institute (MPI)
Duisburg / ZBT	11.15 – 13.30	Centre for Fuel Cell Technology (ZBT), seven workgroups cover all aspects of application orientated fuel cell research
Messe Essen	14.00	

Tour L2 (long distance): Berlin

Meeting point	Time	What you see ...
TOTAL hydrogen filling station Holzmarktstraße 36-42, 10243 Berlin	11.00	hydrogen filling station 350 and 700 bar in 24 h public service equipped with electrolyser

So join the Technical Tours and see what North Rhine-Westphalia and Germany have to offer!