



# CARBON FOOTPRINT ANALYST

*Course Outline*

**Addresses:** Suite 1B, Ground Office Floor Level  
Madison Place  
Alphen Office Park, Constantia  
Cape Town 7806

20 Woodlands Drive  
Building 25  
Woodlands Office Park, Woodmead  
Johannesburg 2128

**Phone:** 021 300 1620 | Cape Town  
011 568 0767 | Johannesburg

**Email:** [info@terrafirma-academy.com](mailto:info@terrafirma-academy.com)

## COURSE OUTLINE

<b>UNIT 1: INTRODUCTION TO CLIMATE CHANGE, GREENHOUSE GASES AND ENERGY</b>	
Module 1	Introduction to climate change and greenhouse gases
Module 2	Introduction to energy sources and energy in SA
Module 3	Introduction to carbon footprint/GHG accounting
<b>UNIT 2: THE CARBON FOOTPRINT PROCESS</b>	
Module 1	The carbon footprint workshop
Module 2	Identify boundaries
Module 3	Identify emission sources
Module 4	Data collection
Module 5	Carbon footprint calculations
Module 6	The carbon footprint report
Module 7	The carbon footprint case study
<b>UNIT 3: CARBON MANAGEMENT</b>	
Module 1	Carbon footprint quality control and verification
Module 2	Carbon offsetting and carbon neutrality
<b>UNIT 4: PROTOCOLS AND AGREEMENTS</b>	
Module 1	International protocols and agreements
Module 2	National protocols and agreements
<b>UNIT 5: PUBLIC REPORTING AND DISCLOSURE</b>	
Module 1	Public reporting and disclosure
Module 2	Introduction to lifecycle assessments

Number of learning hours: 16 in total, allocated is 1 hour per learning module

Number of videos: 18

Number of exercises: 55