

Towards a Green Economy Barometer for South Africa

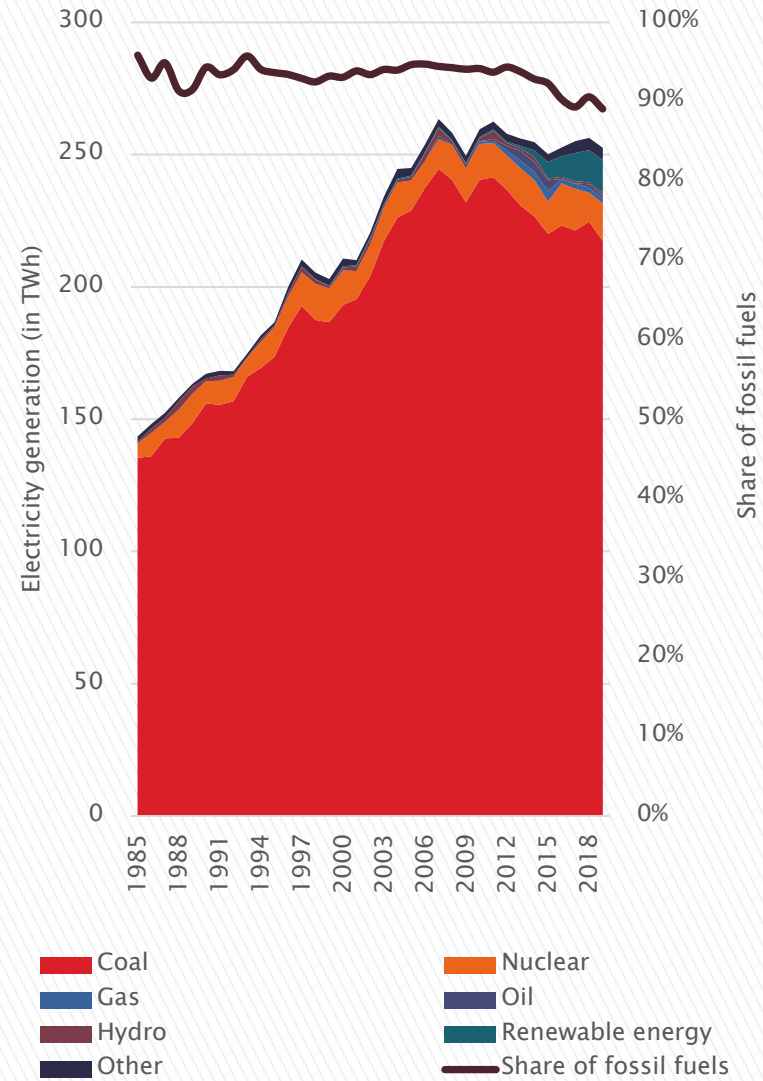
15 Feb 2022

Elize Hattingh, TIPS



Renewable energy

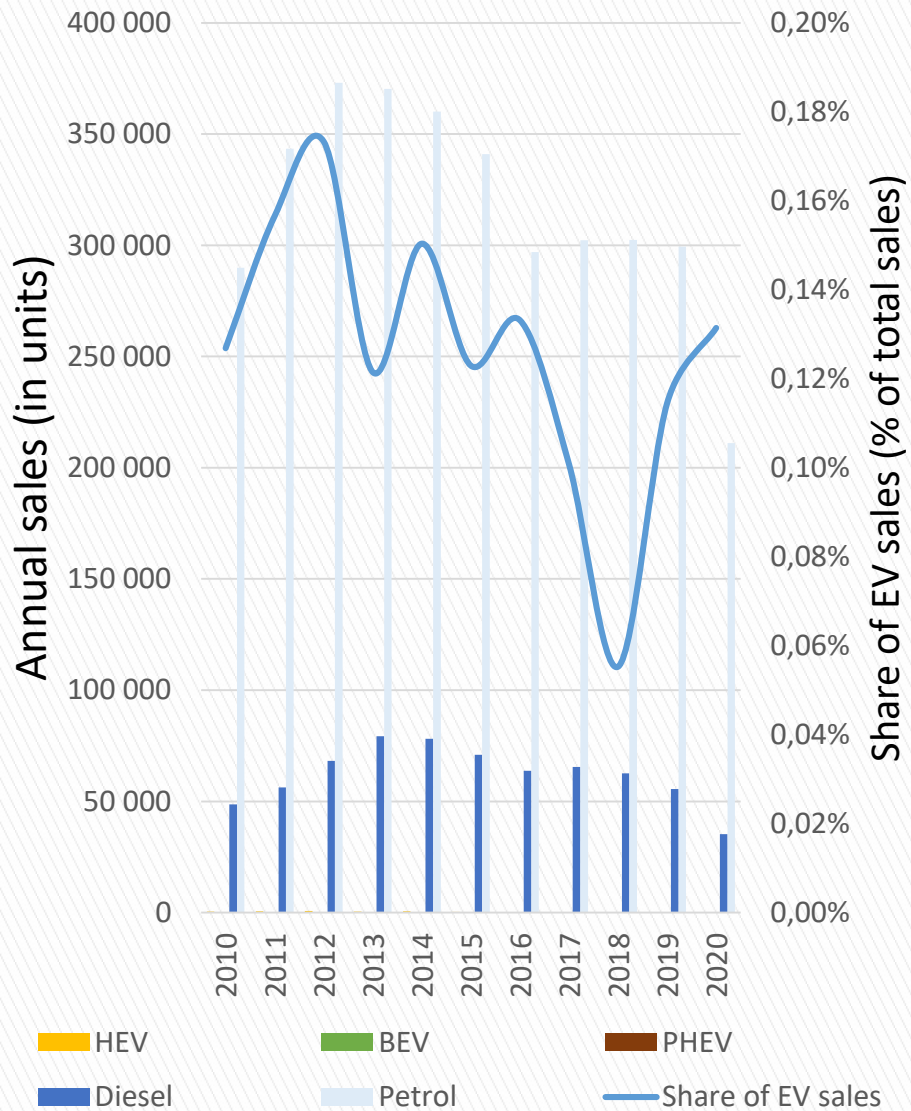
Electricity supply per source



Source: TIPS, based on data from DMRE

e-mobility

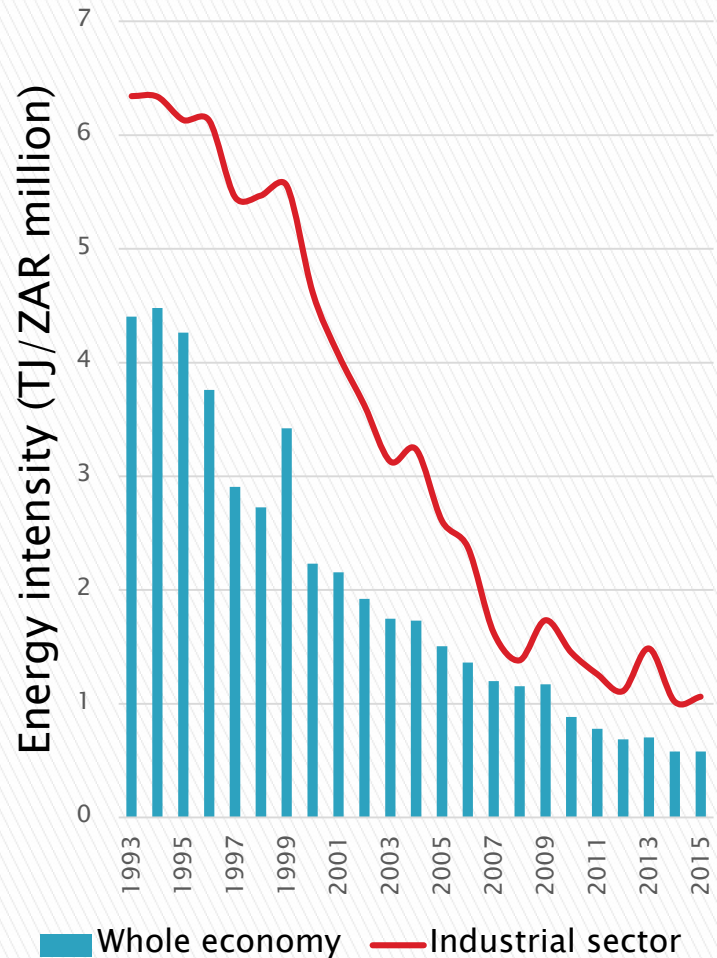
Passenger vehicles sales



Source: TIPS, based on data from NAAMSA

Energy efficiency

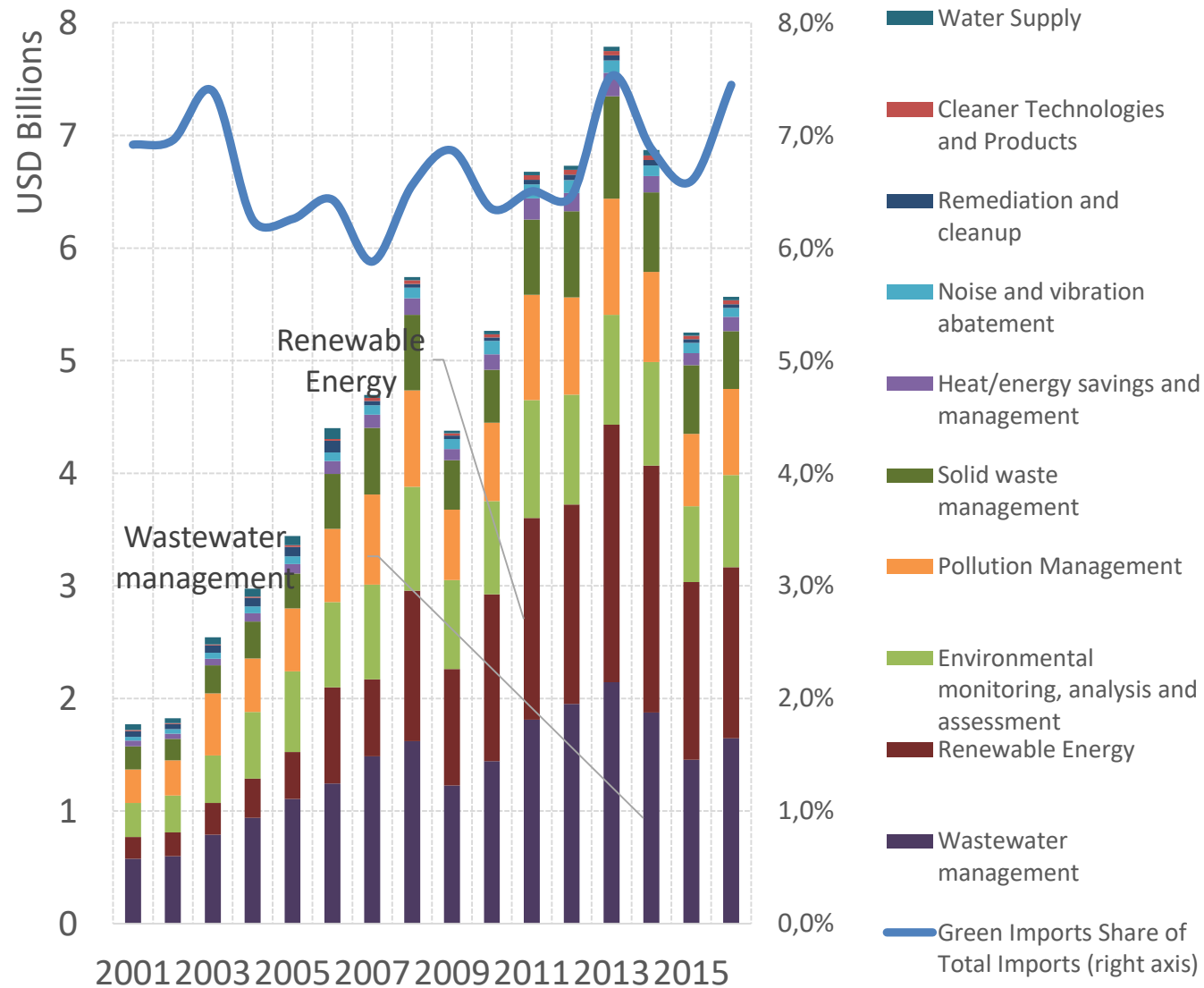
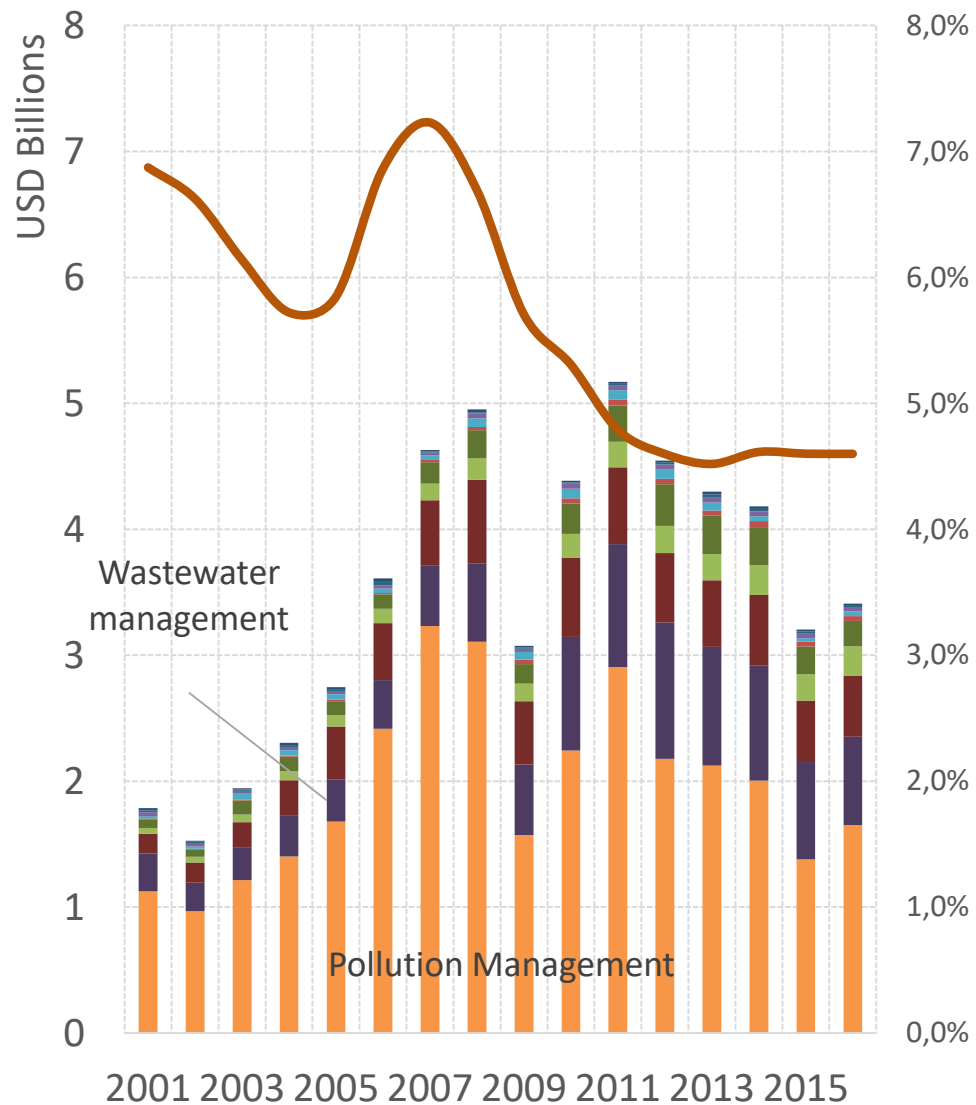
Energy intensity (in nominal terms)



Source: TIPS, based on data from the DoE, dataset on energy balances

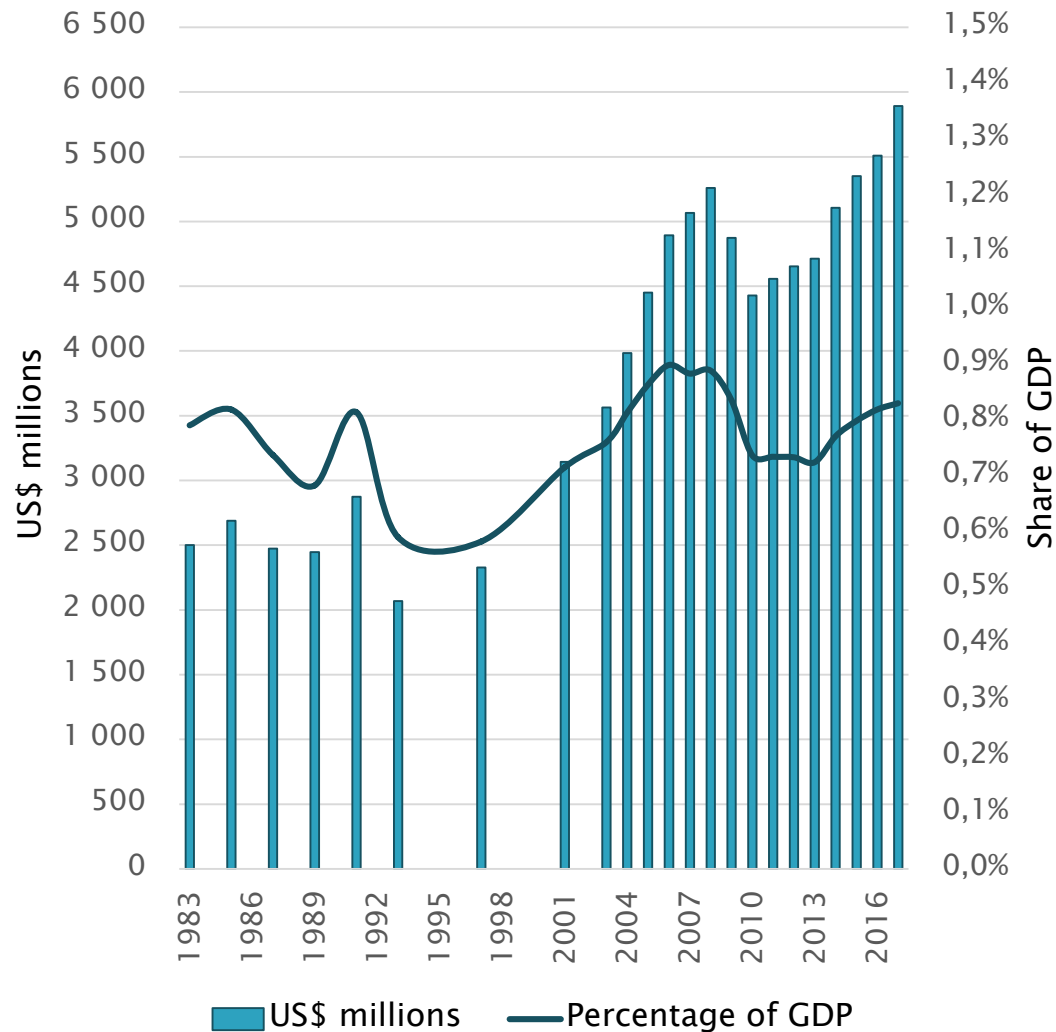
Green Trade

South African exports and imports of green goods



R&D

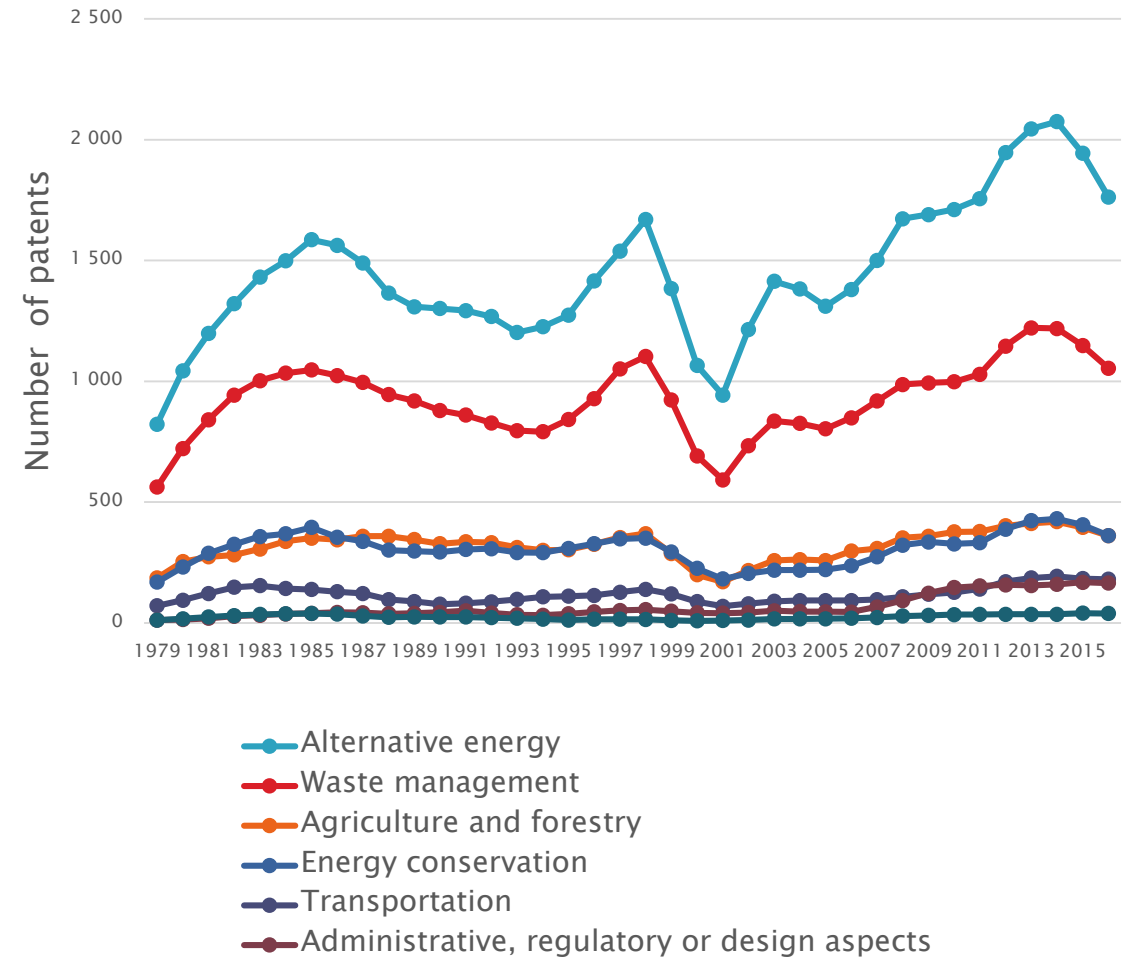
Gross domestic spending on R&D Total,
Million US dollars and % of GDP



Source: TIPS, based on data from the OECD

Green patents

Numbers of patents (granted and pending) for
green technologies across sectors

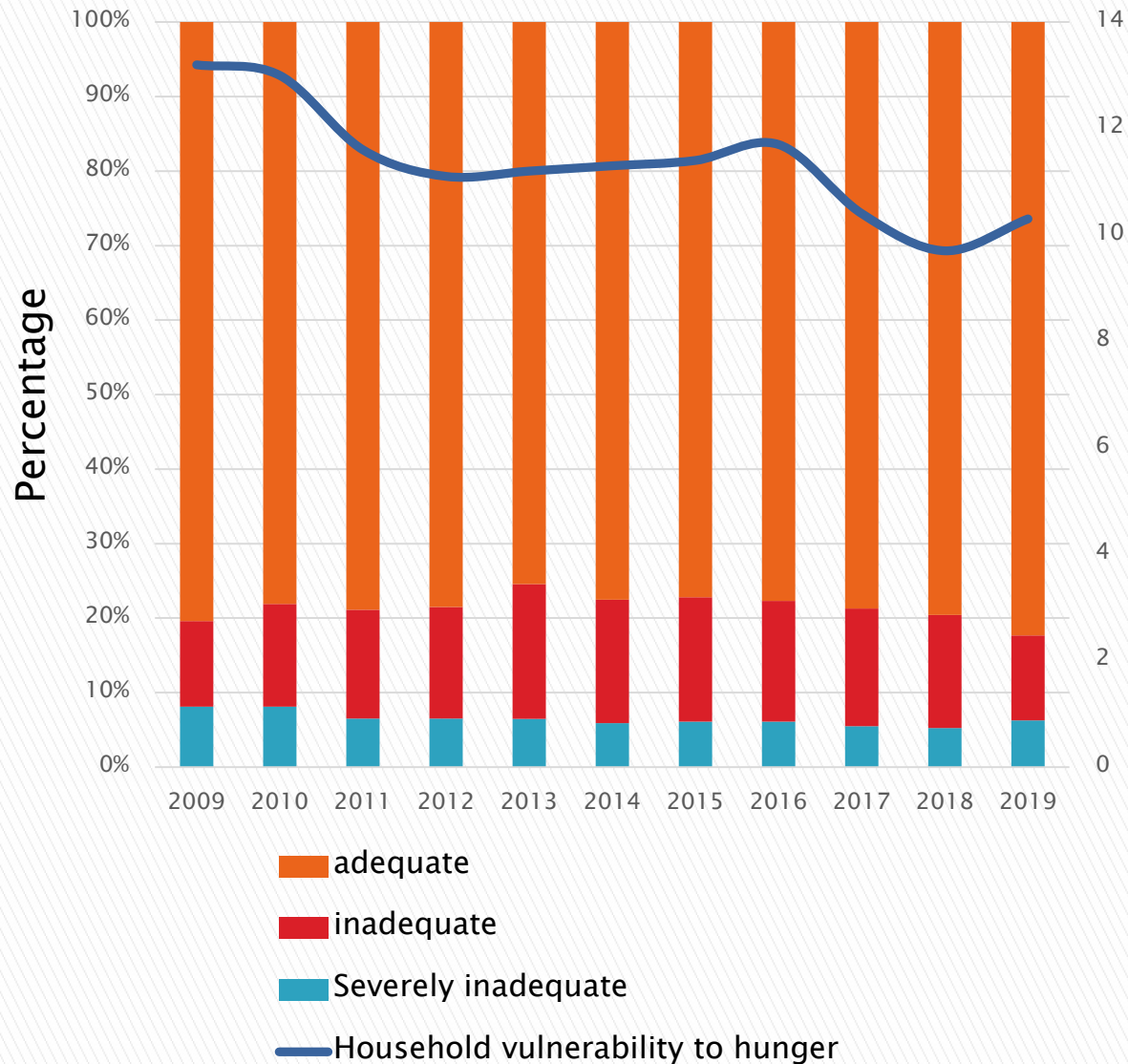


Source: TIPS, based on data from the CIPC



Food security

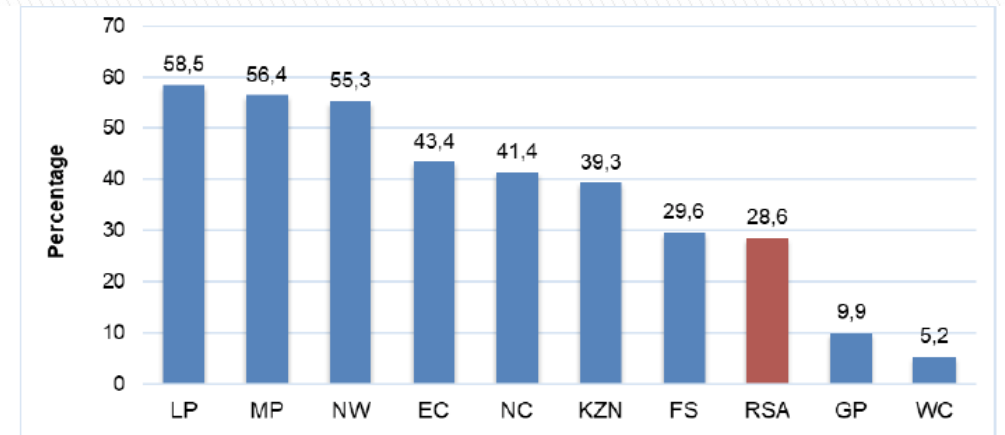
Household food access and vulnerability to hunger



Source: Stats SA GHS 2019

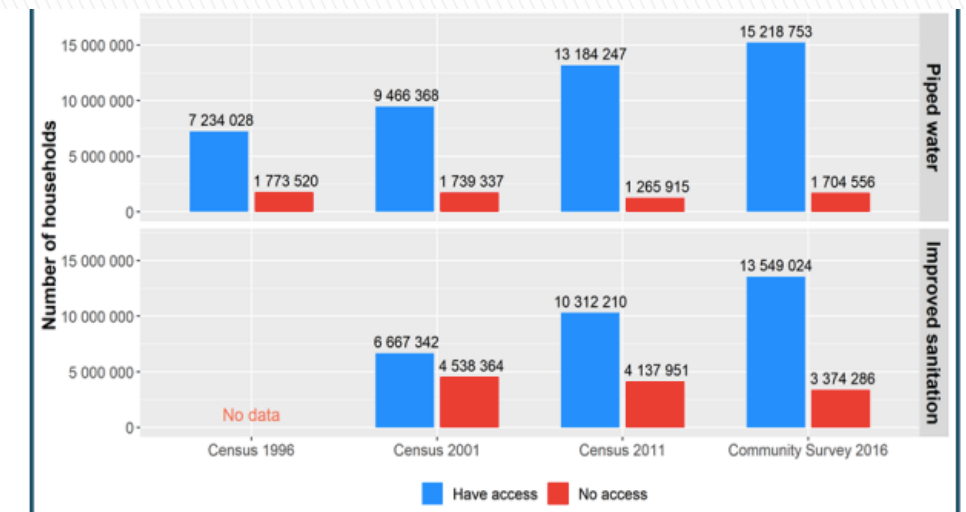
Water security

Percentage of households reporting water disruptions in 2020



Source: Mudombi, S. 2020

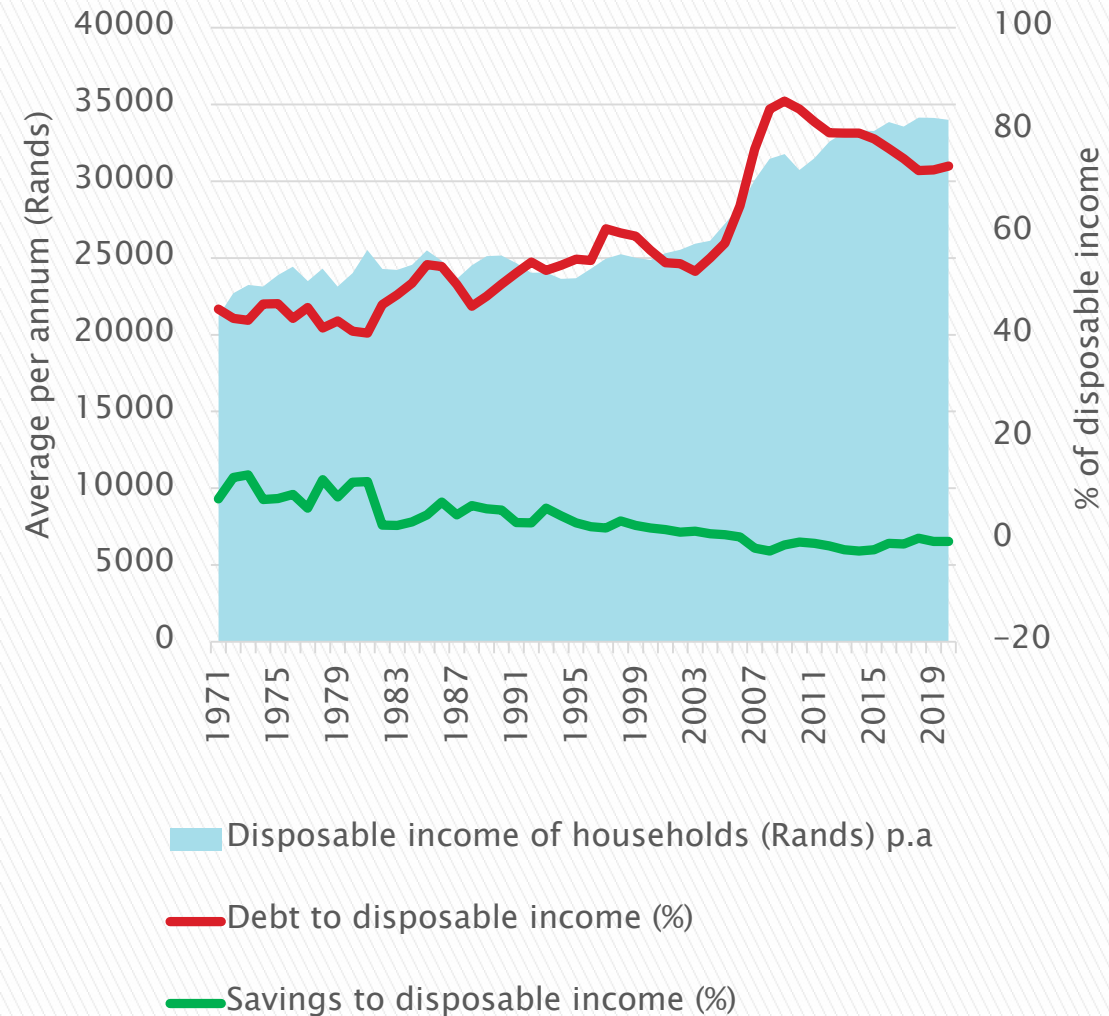
Trends in Household access to WASH, 1996 - 2016



Source: Mudombi, S. 2020. TIPS Working paper: Unpacking Water and Sanitation Access in South Africa. A renewed call for more action.

Savings and indebtedness

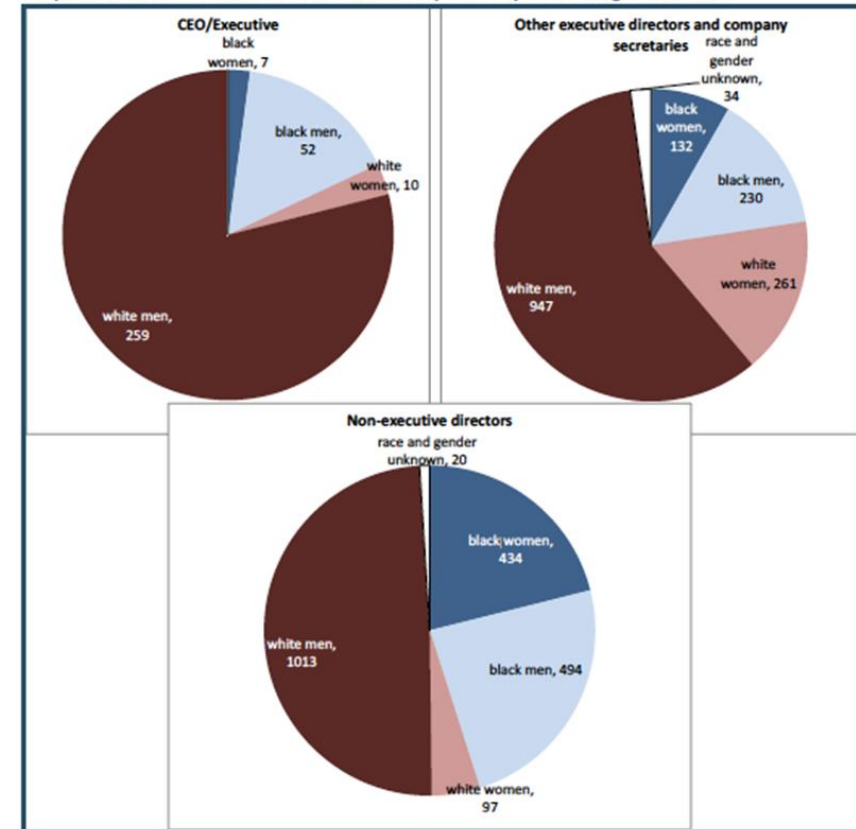
Household disposable income(average p.a R) , savings, and debt to disposable income



Wealth Distribution

Ownership– Boards of directors of 306 listed companies by race and gender 2017

Graph 9. Boards of director of 306 listed companies by race and gender, 2017

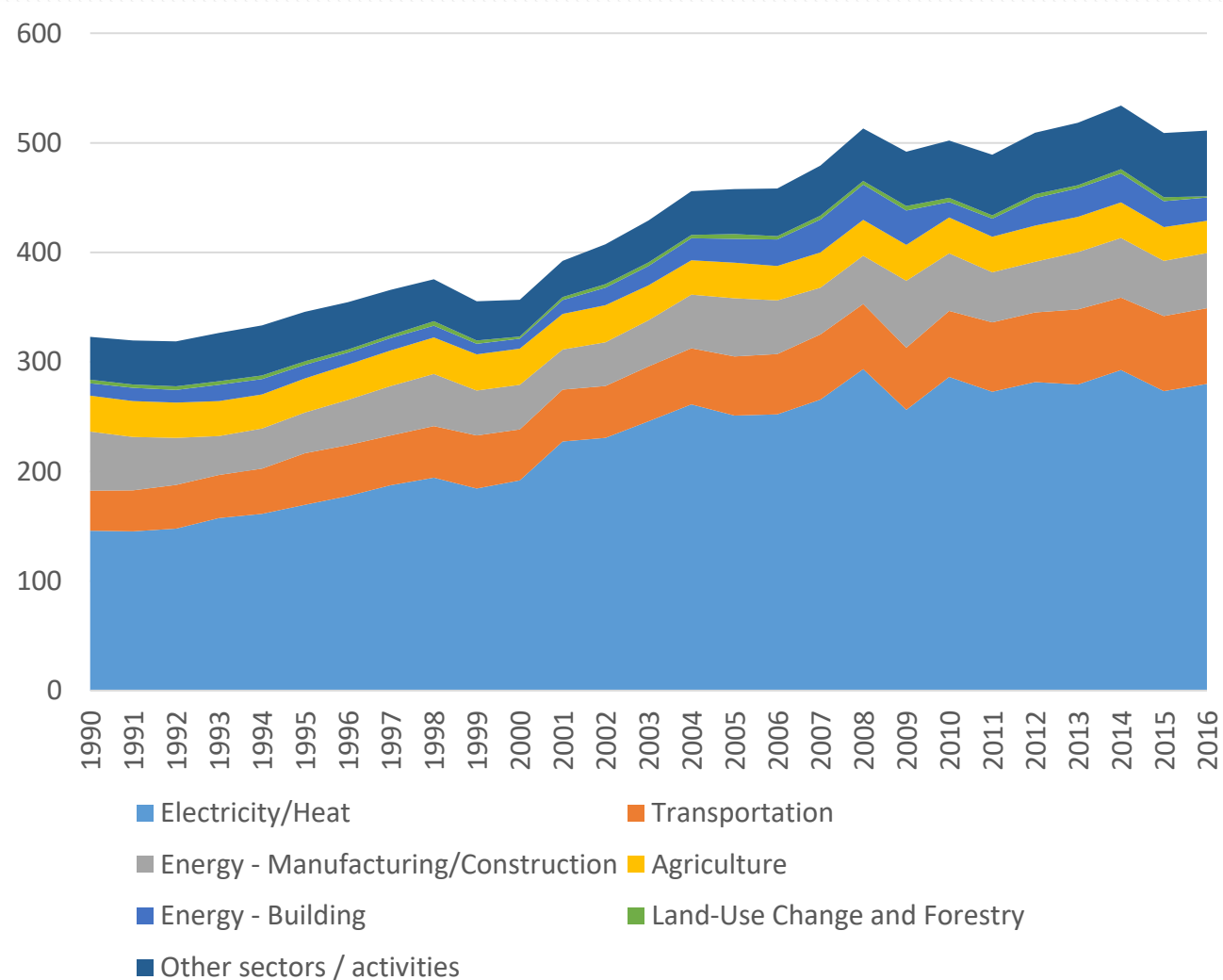


Source: Calculated from Who Owns Whom. Report generator. Electronic database. Series on listed companies domiciled in South Africa, board members by race and gender. Downloaded from www.woweb.co.za in September 2018.

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Climate change

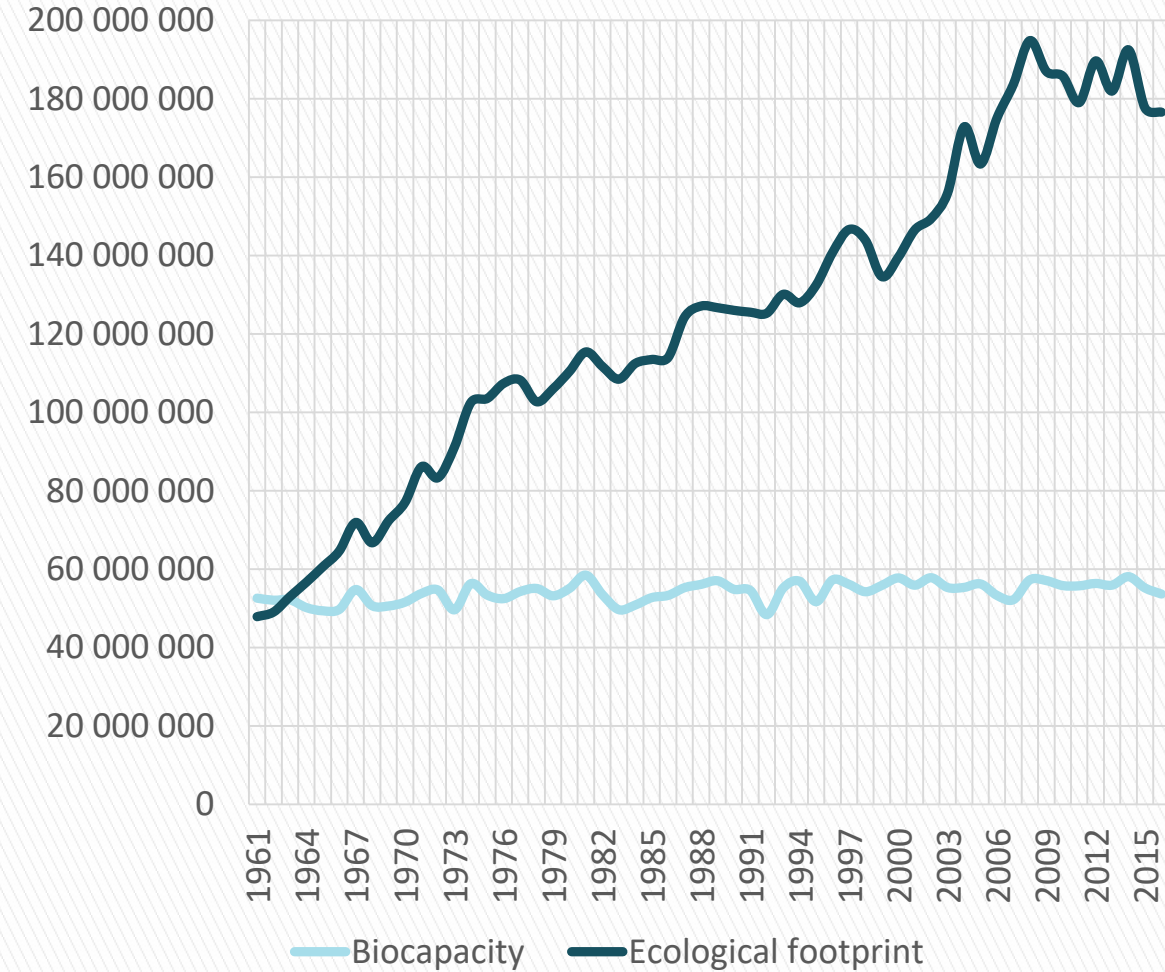
Greenhouse gas emissions per sector (in MtCO₂e)



Source: TIPS, based on data from CAIT

Ecological footprint

Ecological footprint and biocapacity (in gha)



Source: TIPS, based on data from Global Footprint Network

Trade & Industrial Policy Strategies

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