

AKUVUNGUZE UMMOYA



Malgosia Bartosik . Philippa Nuttall Jones . Zam Zadeh



U-2019 uzokukhunjulwa njengonyaka okwatjhuguluka ngawo izinto, lokha abentwana bastrayiga bafuna bona ababelethi bathathe amagadango wokukhandela ukutjhuguluka kobujamo bezulu.

Ngokuhlohlomezwa yikulumo hlangana nabomma ababili (umsekeli wommoya wePoland nombikiindaba weBritain) kanye nesikghwari esinekghono esisesesitjha se-Iran, incwajana yamahlaya le icoca indatjana ngendlela amandla avuselelekako njengommoya azokusiza ngayo ukurholela ekutjhugulukeleni ephasini elihlanzekileko, elinepilo lawo woke umuntu.



Ngo-2019 abentwana ephasini loko bangenela istryayigi. Ingasi ngombana bangathandi abotitjhere babo, kodwana ukutjela abadala abaphetheko bona bathathe amagadango wokukhandela ukutjhuguluka kobujamo bezulu. Baziphe isikhathi sokungayi esikolweni kobana bafune imithetho yokuvikela iPhasi beyibanikele nengomuso elihlanzekileko. Abentwana eSewula Afrika yoke nabo bafunda ngokuqakatheka nobuhle bamandla wommoya ohlanzekileko.



Kuhle kuhle khuyini ukutjhuguluka kobujamo bezulu begodu kubayini ukukukhandela kuqakatheke kangaka?

Ukuphendula lokhu, kutlhogeka bona sibuyele emva ...

Eminyakeni ema-200 edlulileko abantu abanengi begade bahlala emaphandleni.



Emva kwalapho kwafika amaTjhuguluko
wokungena kwamaBubulo.
Amafekhtri aphumelela
begodu abantu
bafudukela emadorobheni.

Kwakufuneka amandla amanengi
wokusebenzisa amafekhtri lawa begodu
ngokukhamba kwesikhathi amakhaya,
iinkoloyi neemphaphantjhini.

Ukusebenzisa imitjhini ukwenza imikhiqizo esikhundleni sokusebenza ngezandla enarheni ngokujayelekileko kutjho...

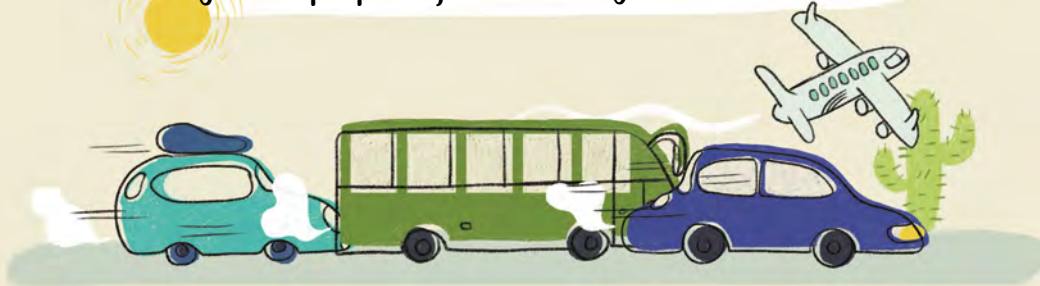
Imisebenzi eminengi.



Abantu barhola imali enengi, bangathenga ukudla okunengi, begodu baphile isikhathi eside nepilo ehle.



Begodu iimphaphamtjhini neenkoloji zenza kube lula ukukhamba.



Kodwana okunengi kwalokhu kuphumeleliswa ngokutjhiswa kweembaseli njenge-oli, amalahla nerhasi. Lezi ngokunembako zibuya eensaleleni zeenlwana neentjalo ezifileko ezisileke phasi iminyaka emakhulu weengidi.

Nazibaswako, iimbaseli zikhigiza amarhasi abanga ukufuthumala komhlaba njengekhabondayi-okisayidi*.

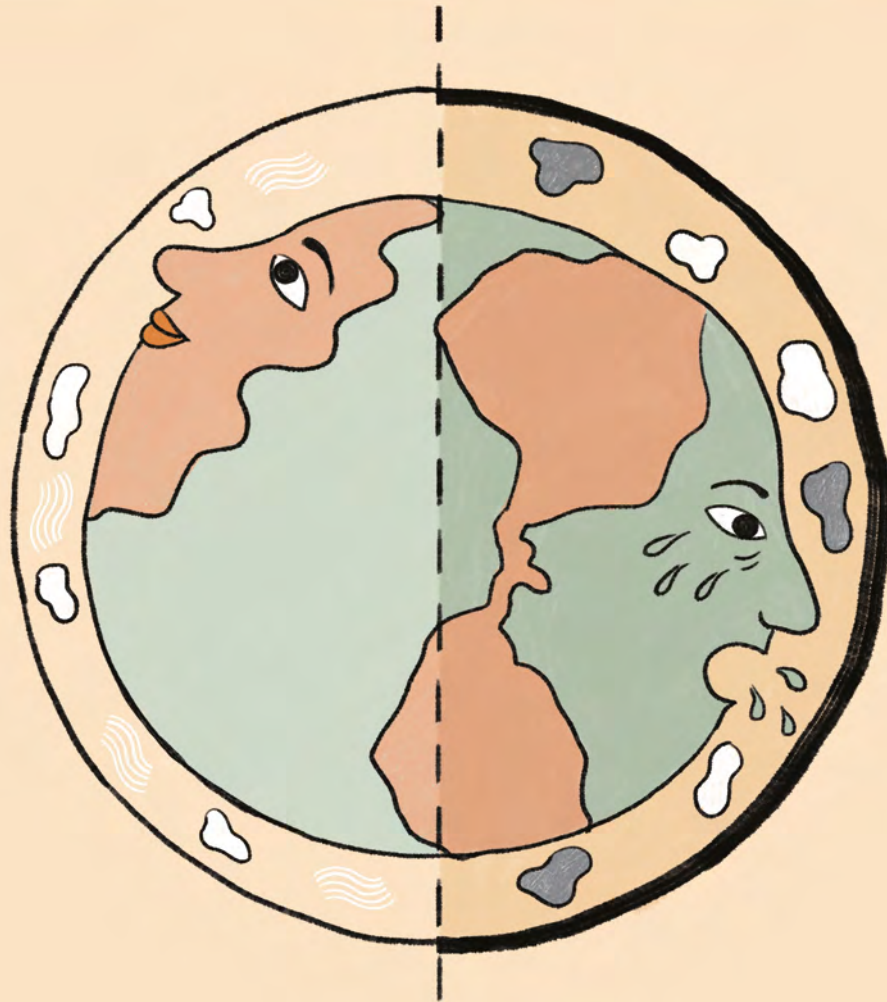
Enye irhasi ebanga ukufuthumala komhlaba yi-methane* evela emapulasini amakhulu aneenlwana ezinengi, khulu khulu iinkomo, ezisuzako nezibhodlako.

*khabondayi-okisayidi CO_2
*methane CH_4



Nawahlangene amarhasi lawa enza ingubo engabonakaliko ePhasini bese abamba umtjhis ovela elangeni. Njengesakhiwo esilawula ubujamo bezulu.

Lokhu ngokuvamileko kwenza iPhasi indawo ehle yokuhlala. Kodwana ingubo iba dege kwamambala, okubangela ukutjhisa ngokweqileko kanye nokutjhuguluka kobujamo bezulu.



Iphasi sele lifuthumele ngaku-1°C ukusuka
ngokuvela kwamafekhtri wokuthoma.

Lokhu kungazwakala kungasikunegi, kodwana ngendlela
efanako uzizwa ugula begodu unomgomana lokha izinga
lakho lokutjhisa liphakama, izinto azikhambi kuhle ePhasini.



Ubujamo obumbi bezulu njengeenkukhula nokutjhisa ziyanda.
Iinlwana neentjalo ziyalimala begodu ziyatjhabalala ngombana iindawo ezihlala
kizo ziyatjhuguluka begodu ziyanyamalala.



Begodu abantu bayagula bebayahlongakala ngebanga lokusilaphazeka
kommoya okubangelwa mafekhtri neenkoloji.





Kodwana lokhu akukaneli. Ukubasa
iimbaseli kobana kutholwe amandla
kuyimbangela ekulu yamarhasi abanga
ukufuthumala komhlaba.

Ngokurhabako kutlhogeka bona
sitjhugulukele ekusebenziseni
imithombo ehlanzekileko efana
nommoya nelanga, iSewula
Afrika enazo ngobunengi.



Abantu basebenzise amandla wommoya isikhathi eside. Ukusetjenziswa kokuthoma kwakukukhambisa iinkepe emachibini nemalwandle.



Amaventimeli wokuthoma akhiwe eminyakeni ezi-2000 ezidlulileko kobana apompe amanzi wokusila iflowuru.



Ngekupheleni kwekhuluminyaka yetjhumini nethoba, abososayensi, ukufaka hlangana noPoul la Cour, isangoma sezulu seDenmark, benze amathebhani wokuthoma wokukhiqiza igezi.

Ngo-1918 besele kunamathebhani angaphezu kwe-120 akhiqiza igezi eDenmark. Kodwana kwaze kwaba ngo-1978 lapho abosonjiniyera beDenmark baveza khona ithebhani yokuthoma enamalemu amathathu ephasini eyakhuthaza lezi esizisebenzisa namhlanje.

Amathebhani wokuthoma weSewula Afrika athome ukukhiqiza amandla wommoya ohlanzekileko ngo-2014.



Ngakho-ke isebenza njani ithebhani yommoya?



Amathebhani wommoya
wokuthoma bewangasimakhulu
kunabomzala bawo bekhulumingaka
yetjhumini nethoba.

Amathebhani wanamhlanje aphakeme, angcono,
abuthaka anamandla begodu angatholakala
enarheni namkha elwandle.

Amandla akhiqizwa kuzomba kunye
kwamatebhani anamandla wephasi
kunganikela ikhaya lakho amandla
ilanga loke.

Ngo-2025, amathebhani
wommoya amanengi
azokuphakama ukudlula
i-Eiffel Tower eParis
(ngayinge ngobudisi obudlula
iindlovu ezili-100!).



Iinkulungwana zamathebhani wommoya sele zisiza iSewula Afrika ngamandla. Ukusuka emagwini weKapa ukufika emikhawulweni yeNamibia nangaphetjheya kweKaroo, sisebenzisa ummoya ukwenza amandla ahlanzekileko.

Nawahlangene neenkongozelilanga, iinkoloyi zegezi kanye nokutjhuguluka kokuziphatha kwethu kokonga amandla nokusilaphaza kancani, amandla wommoya enza ingomuso lethu soke elihlanzekileko nelinepilo.



Isekelwe yi-

Wind[•]
EUROPE

windeurope.org



www.letthewindblow.org

Isekelwe yi:-
South African Wind Energy Association,
ENERTRAG South Africa