

ISICWANGCISO SEZIBONELELO ESIHLANGANISIWEYO SIKA-2023: IPHEPHA LAMANQAKU ACHANEKILEYO



Izimvo malunga noyilo lwe-IRP 2023 zilindeleke ngomhla wama-23 kuMatshi ka-2024 kwaye zingangeniswa nge-email apha:
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YINTONI ISICWANGCISO SAMANDLA ESIDITYANISIWEYO (IEP), KWAYE NGABA OKU KWAHLUKILE KWISICWANGCISO ESIDIBENEYO SEZIBONELELO (IRP)?

- I-IEP iqulethe umfanekiso omkhulu wecandelo lezamandla xa lilonke (elifana noshishino, ezothutho kunye nokuveliswa kombane), ngelixa i-IRP isicwangciso esingqale kwicandelo lombane kulo mfanekiso mkhulu.
- Zombini ezi zicwangciso zizixhobo ezibalulekileyo zokukhokela ukwenziwa kwezigqibo ezinxulumene namandla, ukuqinisekisa unikezelo lwamandla oluzinzileyo, oluthembekileyo nolufikelelekayo eMzantsi Afrika.



UKUFIKELELA KUMANDLA ATHEMBEKILEYO, ACOCEKILEYO NANEXABISO ELIFIKELELEKAYO KUBALULEKILE KUPHUHLISO LWENTLALO NOQOQOSHO!

YINTONI UCWANGCISO LWAMANDLA?

- Isicwangciso samandla sifuna ukuba sijonge ukuba mangakanani amandla esiwadingayo, luhlobo luni lwamandla esiwadingayo, siwasebenzisa njani la mandla ngobulumko, kwaye singawonga njani amandla.
- Isicwangciso samandla yinkqubo yokuphuhlisa isicwangciso sexesha elide ukunceda ukukhokela ikamva lenkqubo yamandla. Ucwangciso olunenyameko lwamandla lubalulekile ngenxa yokuba iziseko zobonelelo lwamandla zihlala zifuna iindleko ezibalulekileyo zokuqalisa kwaye zinokuba yinzuzo ixeshana kubomi obulinganiselweyo.
- Ucwangciso lwamandla lwenziwa ngomzekelo we-computer. Imodeli ye-computer ingasinika umbono wokuba zeziphi iintlobo zamandla ezinokuthi zilungele uMzantsi Afrika kwaye zingasinceda njani ukuba sifezekise iinjongo zethu zemozulu eguqukayo, sibuyisele kwisimo sangaphambili okusingqongileyo, sidale imisebenzi, kwaye sifikeleleke.

KUTHENI SIFUNA ISICWANGCISO?

- UMzantsi Afrika kufuneka ucwangcise ukuqinisekisa ukuba sinamandla awoneleyo okuhlangabezana neemfuno zethu. Kufuneka siqinisekise amandla awoneleyo kumanzi ashushu, izibane, ishishini, ukulima, kunye nezothutho. Sifuna isicwangciso esihlaziywa minyaka le kwaye bonke abemi boMzantsi Afrika babe nethuba lokuvakalisa izimvo zabo.



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• Ngo-2023, i-Green Connection, kunye ne-Southern African Faith Communities Environment Institute, zaya enkundleni yomthetho ukuze zinyanzelise urhulumente ukuba aphumeze icandelo lesi-6 loMthetho wezaMandla weSizwe, onyanzelisa ukuba iSebe leMithombo yeziMbiwa naMandla (DMRE) livelise isicwangciso kwaye lisihlaziye minyaka le.



YINTONI I-IRP?

- I-IRP luxwebhu lwesicwangciso sombane ekumele ukuba lubeke isicwangciso sikarhulumente malunga nendlela oza kufuna ngayo ukuqinisekisa ukhuseleko lombane kumntu wonke.
- I-IRP ifanele ukubala ubungakanani bombane esiwudingayo (imfuno), indlela esiwusebenzisa ngayo ngobulumko nangobuchule, kunye nendlela yokunikezela ngombane esiwufunayo kwixesha elizayo.
- I-DMRE kufanele ukuba ivelise isicwangciso rhoqo, kodwa ayiyenzi leyo nto kuba i-IRP yokugqibela ibingo-2019.

KUNDICHAPHAZELA NJANI OKU?



• Ukuba urhulumente ukhetha inkqubo yokuvelisa umbane ebiza imali eninzi, intlawulo yakho yombane iya kuba phezulu kakhulu, kwaye awuyi kukwazi ukuyihlawula. Kodwa ukuba uthenga umbane wexabiso eliphantsi kuphela ongaqinisekanga ukuba uhlala usebenza, sisenengxaki. Into esiyifunayo ngumbane ococekileyo, ofikelelekayo nothembekileyo. Indlela yokuqinisekisa oku kukujonga umxube weendlela ezahlukeneyo zokuvelisa umbane kwaye uqinisekise ukuba lo mxube unokugcina izibane zikhanya ngalo lonke ixesha kwaye ixabiso liyafikeleleka.

• Unelungelo lokuba nelizwi lakho kuyilo lwamva nje lwe-IRP. Eli lungelo sisizathu esibalulekileyo sokuhlomla kuYilo lwe-IRP 2023 kwaye uxelele urhulumente ukuba wonwabile ngezindululo kwaye, ukuba akunjalo, yintoni urhulumente omakayifake kwisicwangciso.

ITHINI I-IRP KA-2023 EYIDRAFTI?

- UMzantsi Afrika unelanga elininzi, umoya kunye namanye amandla anokuthi ahlaziyeke. Nangona kunjalo, uxwebhu lwe-IRP oluyilwayo luqulethe izindululo ezinolwabiwo olumbalwa lwelanga nomoya kunesicwangciso sangaphambili, esipapashwe ngo-2019, nangona ilanga nomoya zifikeleleka ngakumbi ngoku.

I-2030 yezicwangciso - vs 2023 yokwenyani

Ngo-2019, i-IRP ibeka izicwangciso zaza zavuma imfuneko eMzantsi Afrika ukhusele umbane ohlaziyiweyo kwaye usezantsi wethu Ukuxhomekeka kwi-fossil fuels ngo-2030.

Ngo-2023, isixa se Ukuhlaziywa kwakhona kumxube wethu wombane kwakusemva kweminyaka engama-2030 lthageathi, kunye neSebe leZimbiwa naMandla (i-DMR) umva wokuzibophelela kwabo ekucwangcisweni kwezinto ezihlaziyiweyo.

I-VS ehlaziyiweyo VS umbane ophembelwe ngokungasebenzisani nendalo

I-IRP 2019 lthageathi ibeka i-2030



lithageathi ze-IRP ezingama-2023 zibekelwe ama-2030



Yintoni efunyenwe nge-2023



Yintoni onokuyenza ngayo?

Yala i-IRP engama-2023 kwaye inyanzeliseke ngakumbi kwaye isicwangciso sombane esizinzileyo!

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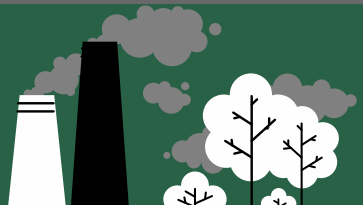
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• Isicwangciso asiboneleli ngamanani aneenkcukacha malunga neendleko zeentlobo ezahlukeneyo zombane osetyenziswa ngumfuziselo. Ngoko ke, kulucelomngeni kwiingcali ukuba zijonge isicwangciso kwaye zihlomle kuso.



- Isicwangciso asizi kusombulula ucimicimi wombane kwaye siphakamisa ukukwakhiwa kwezikhululo zombane ezithatha ixesha elide ukwakhiwa kwaye zingcoliseke kakhulu - umz. amalahle, i-gas, nenyukliya.
- Enye malunga nenxalenye kukuba isicwangciso sithi ukucinywa kombane kuya kuqhubeka eminye iminyaka emithandathu. Kubalulekile ukukhumbula ukuba iindleko zamandla avuselelekayo ziya kuqhubeka zincipha kwiminyaka ezayo.
- UMzantsi Afrika udinga imisebenzi emininzi, kwaye loo misebenzi kufuneka ikhuseleke, ibe sempilweni kwaye izinze. UMzantsi Afrika ubukade unemizi-mveliso yelanga neyomoya, kodwa umgaqo-nkqubo karhulumente wayeka ukuvuselelwa, yaza leyo mizi-mveliso yavalwa.
- Ngoko ke, sifuna i-IRP ezibophelela ekwandiseni izinto ezihlaziyiweyo ukudala imisebenzi yexesha elide.

I-gas sisibaso se-fossil engcolise kakhulu ethe yanegalelo kubushushu behlabathi kunye nokutshintsha kwemozulu. Ngaphandle kophononongo lweengcali olubonisa ukuba asizifuni izizinda zombane ezinkulu ze-gas, i-IRP 2023 iyaqhubeka ukuquka oku kwiinketho zethu zobonelelo lombane.



KUTHENI I-GAS INGEYIYO INKETHO ELUNGILEYO?

- UMzantsi Afrika sele uthwaxwa kanobom kukutshintsha kwemozulu njengoko sibonile imbalela, izikhukula, kunye ne-gas evuthayo, ebangela ukukhutshwa kwe-carbon encinci kunamalahle kodwa ngaphezulu kwesola nomoya. Nangona kunjalo, i-gas (i-methane) inokuphuma kwimibhobho ukuya kwi-atmosphere (izinto ezikhutshwayo ezibalekayo/fugitive emissions). IMethane yonakalisa kakhulu kwaye inokubangela ukonakala kwemozulu ngama-85% ngaphezu kwamalahle kwiminyaka engama-20.
- Iinkampani ze-Oil neGas zithi kufuneka sisebenzise i-gas ‘njengenguqu’ yamafutha. Nangona kunjalo, iindleko zokuhlaziya ziye zehla kakhulu kwaye ziya kuqhubeka ukwenza njalo. Le nyaniso ithetha ukuba akukho mfuneko yokusetyenziswa kwe-Oil neGas kumxube wethu wamandla okwakhiwa kweziseko ezingundoqo ze-Oil neGas. Ukuba sichitha iibhiliyoni zeeRandi ekwakheni imibhobho ye-gas kunye nokugrumbai-gaselwandle lwethu, asisayi kuphinda siyifune loo mibhobho kunye namaqonga okomba, kodwa kuya kufuneka sizihlawulele, kwaye ziya kubeka umngcipheko kwindalo kunye nakubantu.
- I-gas ikwayimveliso yehlabathi, nto leyo ethetha ukuba imarike yamazwe ngamazwe ibeka ixabiso layo. Ngamanye amazwi, ixabiso kunye nokunikezelwa kwe-gas kunokuchaphazeleka yimfazwe, ukuphazamiseka kokuthumela okanye iingxabano ze-geo-political, okwenza kube ngumthombo wamandla ongathembekiyo. I-gas kufuneka ingeniswe kwaye ithengwe ngeedola zaseMelika. Ngoko ke, ukuba utshintsho lweRandi/Dola luyatshintsha, ixabiso le-gas liyaxhoma.
- I-gas nayo ibeka umngcipheko wokuba ‘yi-asethi engenamsebenzi’. Sifuna imali eninzi kwasekuqaleni ukulungiselela iziseko ezingundoqo ezitsha zokuxhasa ishishini le-gas, sandise ukuxhomekeka kwethu kula mafutha e-fossil. Lo mngcipheko ulibazisa ngokungathintelekiyo ukutshintshela kwethu kwizinto ezihlaziyiweyo kwaye uya kusenza siqhubeleke sibambezeleka njengoko ihlabathi liphuma kumafutha e-fossil. Kungekudala, asisayi kuphinda sisebenzise i-gas njengoko iindleko zobuchwephesha obuvuselelekayo ziqhubeka nokuhla, nto leyo eyenza lonke utyalo-mali kwiziseko ezingundoqo ze-gas kube yinkcitho yemali yoluntu.
- Ukombiwa kwe-gas kukwabeka emngciphekweni wokwenzakalisa uluntu lwengingqi kunye nokusingqongileyo. Inkqubo yokwembiwa kwe-gas (elunxwemeni nangaphandle konxweme) iyingozi kwaye ineziphumo ezibi kulwandle, emoyeni, kwimpilo yabantu nakwizinto eziphilayo ezahlukeneyo.

[1] [Grasping-For-Gas-Report-22042021-1.pdf](https://www.thegreenconnection.org.za/Grasping-For-Gas-Report-22042021-1.pdf)
([thegreenconnection.org.za](https://www.thegreenconnection.org.za)).

Kutheni kufuneka unyamekele!

Ngoku sinokubona ukuba umde kangakanani eMzantsi Afrika ungayinciphisi Ukuxhomekeka ku kuphemba umbane ngendlela engasebenzisaniyo nendalo Ifuthe elibi kwimpilo yabemi, imali ye ilizwe kunye neziphumo zokusingqongileyo.

ivuselelekile

vs

Ukuphemba umbane ngendlela engasebenzisaniyo nendalo

Iziphumo ezingcono zempilo



Impilo



Ukunyuka kokugula kunye nezifo

Ihla kwaye iqikelwe ngakumbi



Iindleko



Ukuya phezulu kunye nokungalindelekanga

Thintela ukuqhubela phambili



Okusingqongileyo



Ukungazinzi kunye nokonakalisa

Yintoni onokuyenza ngayo?

Yala i-IRP engama-2023 kwaye inyanzeliseke ngakumbi kwaye Isicwangciso sombane esizinzileyo!

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IINGXAKI NGE-IRP

- Uyilo lwe-IRP 2023 asiyo-IRP yabantu. Ayiniki amandla afikelelekayo, acocekileyo angayi kungcolisa okanye abangele iingxaki zempilo. Iza kwenza utshintsho lwemozulu mandundu kwaye lutyhalele abantu abaninzi kwindlala yamandla.
- Uyilo lwe-IRP 2023 lubeka phambili inkqubo yokuvelisa umbane we-fossil inzima xa ihlabathi litshintshela kuqoqosho olunekhabhoni ephantsi, nto leyo eya kuza ngeendleko ezinkulu kwintlalontle yabantu, impilo, kunye nokusingqongileyo.

ABANTU IRP:

- **SIFUNA AMANDLA AHLANGABEZANA NEENJONGO ZETHU ZEMOZULU, ADALE AMATHUBA ENGQESHO, KWAYE AKHOKHELELE EKUBENI SIBE NOMBANE OFIKELELEKAYO.**

- I-IRP YABANTU IYA KUQONDA UKUBA UTSHINTSHO LWEMOZULU LUYA KUBA NEFUTHE KUKHUSELEKO LOKUTYA KUNYE NEMPILO YABANTU KWAYE ITHATHELE INGQALELO IMFUNO YOKUTHATHELA INGQALELO IZIZUKULWANA EZIZAYO.
KE NGOKO SIFUNA ISICWANGCISO SOMBANE (IRP) ESISINIKA:
 - UKUVELISWA KOMBANE ONGAYI KWANDISA UKUNGCOLISEKA KOMOYA NAMANZI ETHU OKANYE KUSIHLUTHE UMHLABA WETHU
 - UMBANE OFIKELELEKAYO - KULO LONKE ULUNTU OLUHLELELEKILEYO NOLUSEMNGCIPHEKWENI.
 - IINKETHO ZOKUVELISA UMBANE EZIDALA IMISEBENZI EZINZILEYO, EKHUSELEKILEYO NENEMPILO.
 - UMBANE OZA KUJONGANA NENGXAKI YETHU YOKUTSHINTSHA KWEMOZULU.

UNGALIVA NJANI ILIZWI LAKHO - IZIMVO ZOLUNTU:

- UYILO LWE-IRP LUVULELEKILE UKUBA ULUNTU LUHLOMLE KUDE KUBE NGUMHLA WAMA-23 KWEYOKWINDLA NGOWAMA-2024.
UNGANENISA IZIMVO ZAKHO KU- IRP.QUERIES@DMRE.GOV.ZA
ULUNTU LUNOKUCELA UMNGENI KWISICWANGCISO NGOKUBUZA IMIBUZO OKANYE UKUHLOMLA. NANTSI EMINYE IMIBUZO ONOKUCINGA NGAYO:
 - INGABA SINOLWAZI OLWANELEYO OLUQONDAKALAYO UKWENZA IGALELO ELIVAKALAYO KWESI SICWANGCISO?
 - INGABA ESI SICWANGCISO SIYHLANGABEZANA NEMILINGANISELO YETHU YESICWANGCISO SAMANDLA ABANTU?
 - INGABA SIYAYIDINGA I-GAS YOKUTSHISA I-FOSSIL, INGAKUMBI UKUBA URHULUMENTE UFUNA UKUGRUMBA IILWANDLE ZETHU UKUZE AFUMANE I-GAS?
 - INGABA SICINGA UKUBA IZIKHULULO ZOMBANE EZIBASWA NGAMALAHLE KUFUNeka ZIQHUBEKE NGAPHAYA KWEENTSUKU ZOKUVALWA KWAZO - NOKUBA OKU KUYONAKALISA IMPILO YABANTU?
 - AMANDLA AHLAZIYEKAYO AHAMBELANA NEMOZULU KWAYE ANOKUDALA IMISEBENZI EMININZI. - KUTHENI I-IRP EYILWAYO INCIPHISA UMTHAMO WAMANDLA AHLAZIYEKAYO KWIXESHA ELIZAYO?
 - IINGCALI ZIYE ZASOKOLA UKUQONDA UKUBA ZIFUNYENWE NJANI IZIPHUMO ZE-IRP EZIQULUNQIWEYO; IINDLEKO AZIKHO ELUBALA - INGABA SIFUNA IINGCACISO EZINGAPHEZULU?
- I-GREEN CONNECTION IKHOLELWA UKUBA KUFUNeka SIYIKHABE LE IRP KWAYE SIQALE SIVELISE I-IEP ECWANGCISA YONKE INKQUBO YETHU YAMANDLA NGAPHAMBI KOKUBA SIJONGE I-SUBSET YOMBANE.

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