

Imagining the Carbon-neutral Future: Transformations in Energy and Transport

Building a Global Coalition for Sustainability after C ! I"-#\$

un%I) o'em-er 200=. As Direc%or, s e /as responsi-le "or % e prepara%on o" s%ruc%ure and local plans and /as direc%y in'ol'ed in % e de'elopmen%mana, emen%o" +enan, 6i%3s pro?ec% and landscape. ! e also led a %eam / ic planned and implemen%ed ur-an rene/al pro?ec% in . eor, e To/n. 7n) o'em-er 200=, as i%s. eneral Mana, er, Ms. ! ari" es%a-lis ed. eor, e To/n World *eri%a, e ?ncorpora%ed and mana, ed % e. eor, e To/n World *eri%a, e !i%e, / ic /as inscri-ed -y () E!61 in 2uly 2008.

; orn in 5uala +ila ,) e, eri !em-ilan, Malaysia, on 2@ Au, us%1=@1, Ms.! ari" olds a ; ac elor o"!cience /i% *onours in To/n +lannin, !%udies "rom % e (ni'ersi%y o" Wales Ins%%u%e o"!cience and Tec nolo, y, (5 and a Mas%er o"!cience in +lannin, !%udies "rom % e Malaysia!cience (ni'ersi%y.! e as recei'ed se'eral a/ards, includin, , 8+lanner o" T e Aear 201B9 -y % e Malaysian Ins%%u%e o" +lanners, % e 201@. lo-al *uman!e%demen%e 1u%c%andin, 6on%ri-u%on A/ard durin, *a-i%a%III in Cui%o, "or er con%ri-u%on in sus%aina-le plannin, in !e-eran, +erai and "rom % e +enan, !%a%e. o'ernmen%e 1n 11 2anuary 2018, s e recei'ed an a/ard "rom % e Malaysia; ook o":ecords reco, niDin, er "or -ein, % e "irs%Asian /oman %o -e appoin%ed as E&ecu%'e Direc%or o" ()-*a-i%a%! e is married %o Mr. Adli <ai and as %/o dau, %ers.

5eyno%e remarks



Ms. 5ris%en!iemen

5ris%en !iemen /as appoin%ed 'ice presiden%o" !us%aina-le Workplaces and 6 ie" !us%aina-ili%y 1""icer o" . eneral Mo%ors in Ee-ruary 2021. ! e /ill elp lead . eneral Mo%ors %o a "u%ure /i% Dero emissions as % e company con%inues %o %ake -old ac%ons a, ains%clima%e c an, e, includin, . M3s commi%men%o -ecome car-on neu%ral in i%s produc%s and opera%ions -y 20B0.

7n er mos%recen%role as e&ecu%i'e direc%or, . lo-al Ener, y !%ra%e, y, 6er%iica%on, 6ompliance and Tes%<a-s, !iemen led a cross-"unc%onal leaders ip %eam responsi-le "or se%in, corpora%e ener, y s%ra%e, ies, includin, % e in%roduc%ion o"

"uel economy impro'emen% nolo, ies as /ell as ini% a% 'es ali, ned /i%. M3s 'ision o" a Dero-emissions "u% ure. !iemen /orked closely /i% % e !us na-ili y 1 ""ice % de'elop. M3s aspira no % elimina all % ailpipe emissions "rom ne/li, % du y 'e icles -y 203> as /ell as % e de'elopmen o "% e company s science - ased % ar, e %.

7n addi‰n ‰ er accomplis ed ‰c nical career, !iemen is also passiona‰ a-ou%promo‰n, inclusion and , ender e4uali‰. ! e /as ins‰rumen‰l in crea‰n, . M³s career reen‰ry pro, ram, 8Take 2,9 ser'es as . M³s key e&ecu‰'e "or % e !ocie‰y o" Women En, ineers and is % e

co-lead "or % e . M Women Ally +ro, ram. *er /ork %o impro'e policies and prac%ces e""ec%n, c an, e "or /omen earned er % e) a%onal Associa%on "or Eemale E&ecu%'es Women o" E&cellence Ac%'is%A/ard. !iemen also ser'es on % e; oard o" Ad'isors "or 6a%alys%and % e 1akland (ni'ersi%y!c ool o" En, ineerin, F 6ompu%er!cience Ad'isory; oard, / ere s e recei'ed -o% er -ac elor3s and mas%er3s de, rees in Elec%rical En, ineerin, . A na%'e o" Warren, Mic i, an, s e, re/up around % e au%omo%'e indus%ry /i% er "a% er, , rand"a% er and , randmo% er all /orkin, in % e "ield.

Modera%or

Mr. 2eremy <o'ell

2eremy <o'ell as -een a repor%er "or some B> years, o" / ic more % an al" /as spen%/i% % e : eu%ers ne/s a, ency in 'arious par% o" Europe, A"rica and Asia and /i% en' ironmen% and clima%e c an, e a recurren% opic % rou, ou%% a% ime G "rom pollu% on % a-i% and species loss, po'er%, popula% on, eal%, educa% on, % ranspor%, ener, y and li"es% yle c oices #"or % ose lucky enou, % a'e % em\$ G -u% -ecomin, increasin, ly dominan% in % e pas% 20 years or so as % e p ysical and scien% "ic e'idence -ecame incon% o'er% -le. *e also spen% nearly a decade edi% in, "or % e +la% ener, y ne/s a, ency and, earlier % is cen% ury, a year elpin, % e () E666 % rainin, repor% ers "rom de'elopin, coun% ries co'er % e comple& and, a% imes, -e/ilderin, in% erna% onal ne, o% a% ions around clima% e c an, e.

Discussion 1: !mar%+olicies "or Ena-lin, Ener, y Al%erna%' es



Mr. Hian, kun #El' is\$ 6ao

Hian, kun #El'is\$ 6ao is a + .D. 6andida%e /orkin, on car-on con'ersion in % e!i-ley!c ool o" Mec anical and Aerospace En, ineerin, a%6ornell (ni'ersi%y, and an incomin, +os%doc%oral Associa%e /orkin, on car-on cap%ure in % e Depar%men%o" 6 emical En, ineerin, a% % e Massac use% 7ns%/u/e o" Tec nolo, y. *is + .D. researc on *7-<i, % a scala-le solar reac%or %ec nolo, y "or con'er%in, 612 in%o "uels, recei'ed % e I 205 . rand +riDe #1J1,1>0\$ in % e 86rea%e % e Eu%ure9 Desi, n 6on%es% #2010\$, and /as "ea%ured in % e World Economic Eorum3s / i%e paper as an ener, y -reak% rou, o" % e pas%

decade #2020\$. *e co-"ounded 62H % reima, ine 612 emissions as an ener, y resource % rou, policy en, a, emen% and you% empo/ermen% and Eood2H % di'er%"ood /as%e "rom land"ills "or e""icien%-io, as produc% on. Eor is /ork in % e sus% aina-ili% y sec% or, El' is is selec% das a

mem-er o" % e Tec nical Workin, . roup on Ener, y Transi‰ons -y % e (ni‰d) a‰ons #2021\$, a . erman 6 ancellor Eello / -y % e *um-old%Eounda‰on #2021\$, a Aoun, !cien‰s%-y <indau) o-el Mee‰n, s #2020\$, a () 76EE Aoun, 6 an, emaker on !us‰aina-le WA! * !olu‰ons #2020\$, and a Eor-es 30 (nder 30 in Ener, y *onoree "or) or% America -y Eor-es Ma, aDine #201=\$, amon, o% ers.

Mr. Adekoye?o 5uye

Adekoye?o 5uye is +ro?ec%<ead a%ManamuD Elec%ric <TD in
) i, eria. T ere, e elps -uild clean, sus%aina-le ener, y sys%ems
"or omes, -usinesses and communi%es, -y desi, n and
deploymen%o" e""icien%elec%rical en, ineerin, solu%ons. *e is
also % e /inner o" % e 2021 !E"orA<< Aou% !ummi%
8Trou-les oo%n, "or !D. 097nno'a%on con%es%

: ead is -lo, pos%"or () DE! A on 8cool solu%ons % A"rica3s

-urnin, pro-lems9 <u>ere</u>.

Ms.; a are !eye% 4 TL

Mr. 5ande Aumkella

Ms. ! %e"anie * olD/ar%

!%e"anie *olD/ar% is an Associa%e !pecialis%in % e (r-an Mo-ili%/ Team a% () -*a-i%a%! e is %rained in ur-an plannin, and as -een /orkin, on sus%aina-le mo-ili%/ pro?ec% "or more % an @ years, pro'idin, %ec nical ad'ice, kno/led, e and ad'ocacy %o, o'ernmen% around % e /orld. In er /ork, s e suppor%s -road consul%a%ion processes o" s%ake olders %o de'elop mo-ili%/ s%ra%e, ies % a%are adap%ed %o local needs, a'ails in%erna%ional e&per%ise and -es%prac%ices, and is also in'ol'ed in capaci%/ -uildin,, %rainin, e'en% and ci%/-%o-ci%/ e&c an, es. +re'iously s e /orked in an ur-an de'elopmen%

pro?ec%a%. 70. !%e"anie is a passiona%e cyclis%and re, ularly par%cipa%es in 1pen !%ree%s Ac%i'i%ies or 6ri%cal Mass E'en%s %o crea%e a/areness o" pedes%rians3 and cyclis%s3 ri, %s %o s ared ur-an roads.

Mr. Daniel +la%0

Daniel +la% is an Economic A""airs 1""icer in % e Einancin, "or !us%aina-le De'elopmen% 1""ice o" % e (ni%ed) a%ions Depar%men%o" Economic and !ocial A""airs, / ere e curren%y leads % e %ec nical assis%ance and capaci%y de'elopmen% / ork on in"ras%ruc%ure asse%mana, emen%"or local and na%ional , o'ernmen% in de'elopin, coun%ries. *e as o'er 20 years o" e&perience /i% () in%er, o'ernmen%al processes, researc and analy%ics and %ec nical assis%ance in suppor%o" % e implemen%a%ion o" % e () de'elopmen%a, enda, includin, % e

!us%aina-le De'elopmen%. oals. *e as pu-lis ed /idely in % e area o" de'elopmen%"inance, municipal "inance and in"ras%ruc%ure "inance. Mr. +la%0 olds s. pm 10 rg23333 0 08333 0 08 2364 2657 122 r

Ms. 5alpana Mis/ana%

5alpana Mis/ana% is a researc er and prac%%oner on , ender inclusi' e ur-anisa%on. ! e is % e co-"ounder and 6E1 o"

Mrs. 1, un-iyi is one o"% e 6ommissioners "or % e . lo-al 6ommission % end ener, y po'er%y / ic is an ini%a%'e dri'en -y Massac use% 7ns%ue o" Tec nolo, y #M7T\$ and T e : ocke"eller Eounda%on.! e is % e 6o-6 air o" % e 61+2@ Ener, y Transi%on 6ouncil aimed a%dri'in, ac%on % accelera%e % e s i"%% clean ener, y a ead o" 61+2@ and % -rin, % o, e% er leaders in % e po/er sec%or across poli%cs, "inance and %ec nolo, y % speed up % e %ransi%on "rom coal % clean rene/a-le ener, y in de'elopin, coun%ries.! e is also a mem-er o" % e De'elopmen% Ad'isory 6ouncil o" % e (.!. 7n%erna%onal De'elopmen%Einance 6orpora%on #DE6\$, mem-er o" % e clean cookin, alliance ad'isory -oard and a mem-er o" % e Ad'isory; oard o" % e (ni'ersi%y o" 1&"ord K Eu%ure o" 6oolin, +ro, ramme