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Impacts of

# Contents

## Letter from the Regional Director

Χρυσή Ζώνη

Q u (x trñ {nñ (|w{x znñnv | |pñ(ññ) nñw(|pnñZWNV nñ {trñ|nz( € dp(i ({xw|topp|vw(j qñ q-nz(dj f(i vl (ktqm i |nñkpi vonñ Xi { |(kpi vonñ(q(|pnñotwj i t(ktqm i |nñznñ) t|nñ (q(u i nvz {pññ(q(|x nkqññ(z i vonñ(i vl (i (l q|qk| (znvzoi vñi |qñw( vrñj qñvñdñi t(kvu u } v dñññ(ñ\pnñ(x znñnv |kpi vonñ(i znñpi xxnv qo(u } kp(ri { |nzñ i vl ( € nñi znñri kqño(|pnñkpi tñv onñ|w| zi € ) x(vnñ (u i vi onu nv |{(zi |nñqññ(nvz(w) z(€ dñ nz( ti vl {ki x nñ(q(vz|nz|vñv{) znñu vñññ(ñ) {i qñ j trñpi j dñ |{(à(i tñvñz(x nvx trñ

Zvj nz|Pnx € vz|pññnk) |q-nññ nkznñi zñ(vrñpnññ Vñññ(ñw -nv |qñw (w (U qñi |vzññ(x nkqññ(ñ pi { (sqñ| tñ(xzñ-dñ nñ ) {(€ dp(|pvñ) op|(x zñv-vñsqño(qñ{pp|{(qñ|w(|pnñkpi vonñ(q(|pnñ j npi -qñ) zñ vl (kwl dñw{(vrñu qñi |vzññ(x nkqññ(ñ\pnññññ vl (|pnñu i vññ{(x nkqññ(|pi |ñ znñ vw(|pnñu w-nññ) } nñ|wñkpi voqñññqñ k-nññ i j v

## Changes to environmental conditions

I tti w-nz |pn| € vzi 4 € n| zni € qvni{qyo( kpi voni( wri pi j qi |B |pn| x nzu i nzi( |q( |pi € qyo( v| (l zk|q( |) v| zi (q( j nyo(znx ti kni (j f(rvzri 4 l n|nz|q( |q( |q( m xi v| qyo( |l rzdi 4p) zdk( vni( i zri( u vni(rny) nv| ( q( |pn|K i zj j ni v 4 |pn|Xvi z(€ i |nz( i zri(€ i zu qyo( ) x( U nti qo( d( n|q( i mnk|qyo( (ni (i t( q( f( i v| (ki ) {qyo( i (zq( n|q( (ni (tr-n|q( \nri n|pi j qi |kpi voni( q( n|) nv kn| |pn| |q( qyo( i v| (i -i q( j q( f( w( r( w( i v| (€ i |nz( rvz( u q( j |vz( f( xnkq( i v| (ki v( u i sni( q( j |q( q( n|ri( q( n|k) t( j f( zni ) kyo( zni( ntiyo( xw( |q( q( q( q( T wo 5 q( |i vkn( u q( j v| ( ( ) k( i ( ( {pvzri q( ( ( i v| (€ i |nz( v( t( onv nzi t( f( l nx nvl ( w( i ( m( ( { |vx 5 w-nz( x w( | ( |v( mmi ( j nmvzri( kvz( qyo( u i rvz( nk w( v( o( ki t( j i zq( z( ( ) k( i ( |pn| ( i pi zi ( l n|nz( q( Q kzn( {n( q( k( nv kn( w( l z( v( op( |pnzri( € v( t( i kkn( nzi |n| |pn| i zni( l f( p( p( zi |n( v( r( m( xi v |q( w( w( l n|nz( |nz( q( v( f( i v| ( q( x i k( |v( |pn( n|) ntiyo( i v| ( ) z-qi t( x w( |q( q( q( q( w( i v( f( u q( j |vz( f( q( | 6

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## Challenges to the management of migratory species

N( v( v( € qo( Z( n( v( |q( w( @ 9 ( i l vx |n( j f( |pn( k( w( m( z( n( v( w( r( |pn( xi z( q( n( q( : 88= 4 |pn( [ k( q( n( |q( k( K( v( v( k( q( pi ( ) v| nz( i snv( |pn( |i ( s( w( r( i ( n( q( qo( € p( k( p( u q( j |vz( f( {xnkq( ( ri kn( |pn( ozni |n( | ( |pn( | ( ( n( v( u ( k( t( u i |n( k( pi voni( N( v( m( i u x t( n( q( - ( w( r( |pn( j q( ( {xnkq( ( t( j |n( ( v( w( |pn( K( U ( ( l x x nvl d( n( k( ) z( n( v( t( f( ( ) nmz( |pn( k( w( |ny ) nv kn( w( r( k( t( u i |n( k( pi voni( |pn( i ( {n( {u nv( | ( € q( t( j n( v( v| nz( i snv( q( k( w( v( n( z( i |q( w( € q( p( v( |pn( z( U ) t( q( |nzi t( N( j v( v( |<sup>a</sup> voni( q( u ( | vo( q( n( m( n( pi x



# News

## New staff

Q KV ZWVW (x trn {nh |w{€ ntkwu n{€ v{v n€ ((i n{u nu j nz{ |w{ |pn{ Jz) {{n{ (wrtkn{ **Mr Bernd Bruhnsi** (Kvu u ) v{ki |qw{ (Wrtknz{ vl ( **Mr Marc De Coster** (i (i nv qvz (Wrtknz (rvz (J mto{ u 4T), nu j w{ zo( i vl (M) (Znti |qw{ € J nvl (pwtl {i v (U I (q (x p q v{ v x p f 4 x v t d f {i vl ( kvu xi zi |q-n{ zntop qw (i vl (q{) vl nz |i sq o (i v (U J I (q (U i zsm{ q o{ Pnt pi ((€ vzsnt (q (kvu u ) v{ki |qw{ (i vl (i (i (x zwmk | (u i vi onz{ J nvl (€ dt (rvk) ((v (|pn{x znx i zi |qw (vr{ i v (m x nz | (€ vzs {pvx (w ( u i zq n{ nk v f | nu ((Q nm{ V n€ (x zwmk | { 1 i vl (i (zi -nt (m p{ q q w € U i zk (|) | q n{ (i ozw v w f 4 W - q w u nv |i t{ W o q n m z q o (i vl (P) u i v ( M v t v o f € P n{ € i (q -v{ -n{ (q (l m -n t v x q o (v i ) z n{ kvw {nz -i |qw ( v z o i v d i |qw { (q (l m t o d u (i vl (p i { (i u x t r n x n z q n k n{ (i (kvw {) t i v | (rvz (ow -nzv u nv | (j w{ q n{ 4 V O W (i vl (x z q i |n{ kvu xi v q n{ € | (Z W V W U i z k { (u i q (|i {s (€ dt{) n{ |w{ (|z n v o | p n v (z n i | q w { (€ d p (v i | q w i t{ i ) | p v z d q n{ (i vl (w{ z v n€ (J m t o d v (i vl (T), nu j w{ zo (u nu j nz{ €

ZWVW (i n t o p |n{ |w{ i v v v v k n{ | p n{ i x x v a y | u n v | (w ( **Mr Ramaz Gokheshvili** (i ((|pn{ L q n k | v z (w (|pn{ v n€ (Q KV (Xzvozi u u n{ Wrtkn{ rvz (|pn{ |w{ |pnzv (K i ) k i ) : ((j i {n{ (q ( \ j d f q{ O n v z o d € Z i u i , ( q ( i ( j q n{ q -nz { d f ( kvw {nz -i |qw ( {x n k q t{ | (i vl (€ dt{ t q n{ n k v t v o d | € i ((€ n t i (i (i (v i ) z i t{ z n{ w{ z k n{ (i vl (n v -q w u nv |i t{ u i v i o n z (€ d p (u v z n{ | p i v : 8 f m z z { m x n z q n k n{ P n{ p w l { (i v (U [ k ( q \_ d t t q n | u i v i o n u n v | (r z v u (|pn{) v q -nz { d f (w (Q i p w Q [ l 1 i vl ( i (n k w l (U [ k (q (M v t v o f (r z v u \ j d f d [ i | n{ v q -nz { d f (O n v z o d 1 €

\_ n{ i z n{ i t{ w{ x t n{ {n{ |w{ € ntkwu n{ **Ms L'ubomira Vavrová** |w{ |pn{ Q KV (Xzvozi u u n{ Wrtkn{ rvz ( |w{ |p{v l { |nzv (M) z v x n{ q ( J m t o z i n € T j j w u q i (r v a y n{ ( | M | q (L n k m u j n z : 8 8 > (i (X z w m k | ( U i v i o n z 4 z n x i k a y (U i r i (b d s w -d k € T j j w u q i (p w l { (i v (U [ k (q ( M -q w u n v |i t{ | k a n k n{ (i vl (V i ) z n{ kvw {nz -i |qw (i vl (x z m -q n{ } t f ( € v z s n{ (i (i ( , v v t v o d | ) q ( | p n{ | i | n{ V i ) z n{ kvw {nz -i v k f (w ( | p n{ [ t w -i s Z n x ) j t k (q (j i v s i (J f { z d k i 4 | t w -i s q 6

Mi i d{ B r a z { | v i u n € i | v i u n H d k v € v z o

## New projects

### Facilitating adaptation to climate change

\wom{pnz (€ d p (|pn{ Q { | d ) | n{ (rvz (M) z v x n i v (M -q w u n v |i t{ (X v t k f ( O W X 1 4 Q KV ZWVW (i sq o (x i z | q (i (x zwmk | (|w{ m -n t v x (o) d i v k n{ rvz (|pn{ M) z v x n i v (Kvu u d f |qw (vw (|pn{ t a y s { (j n{ € n m v (p i j d i | ( r z i o u n v |i | q w (i vl (k t a i | | n{ k p i v o n{ j f ( { p a q o ( | p n a ( o n v o z i x p d k ( l d j z g ) | q w { 4 p i j d i | ( r z i o u n v |i | q w ( k w { | d ) | n{ ( i ( { a p v a r k i v | ( j i z z a z ( i v l ( d ( € d t j n{ q u x n z i | q -n{ | w { q u x z w -n{ | p n{ x n z u n i j d d f (w ( | p n{ M) z v x n i v ( t i v l { k i x n{ rvz ( { x n k a r q ( u w -n u n v | € \ p n{ x z w m k | ( m x t v z n{ ( | p n{ q u x i k | ( w ( { x n k a r q ( i v l ( p i j d i | ( q ( M ) z v x n i v l ( z m -q n{ ( ( u n i { ) z n{ ( | p i | ( i z n{ j n a y ( q u x t r u n v | n{ ( j f ( M ) ( U n u j n z ( | i | n{ ( | w { q u x z w -n{ | p n a ( t i v l { k i x n{ k v w n k | q -d f 6

### Countdown 2010 for marine ecosystems

Q (v z l n z ( | w { l - i v k n{ | p n{ u i z a y n{ x z v j n k | n{ (i z n{ (i o n v l i (€ d p q ( | p n{ M ) ( U n u j n z ( | i | n{ (i vl (j n{ v w l 4 | p n{ O n z u i v (N h n z i t U q d | z f (rvz (|pn{ M -q w u n v | (i vl (Q KV (p i -n{ r v a y n{ (rvz k n{ ( | w { p w { | (i v ( q | n z v i | q w i t{ m x n z | (€ v z s { p v x (q (l x z d { : 8 8 ? € N a k ) ((€ d t j n{ v w ( n i j v z i | q o ( z n k v u u n v l i | q w { (rvz (|pn{ M ) ( v w ( V i ) z i : 8 8 8 ( q ( u i z a y n{ z n{ (i vl (w (q | n z v i | q w i t U i z a y n{ x v t d q n{ € p n{ € v z s { p v x ( € d t k v w -n v n{ j w { | @ 8 ( t n i l q o ( m x n z | ( w ( U i z a y n{ x v j n k | n{ (i z n{ ( r z v u ( U n u j n z ( | i | n{ 4 | p n{ M ) z v x n i v ( K v u u d f | q w 4 Q KV 4 ( m t n k | n{ ( ) V (v z o i v d i | q w { (i vl (w{ p n z ( | i s n p v n l n z € N v z ( u v z n{ q n z u i | q w 4 k w | k | (j n z l { z ) p v { H d k v € v z o

### Memorandum of understanding with CEPI

\p n{ U n u v z i v l ) u (w ( ] v l n z { | v l q o ( Q w j 1 ( { a p v n{ ( j f ( Q KV ( Z W V W v l ( | p n{ K v w n{ n z i | q w (w ( M ) z v x n i v ( X i x n z ( Q ) ) { | z a r q ( O K N A Q ( k w { | d ) | n{ (i x q w m z a q o ( | n x ( | v € i z l { ( q y k z n{ {n{ (kvw x n z i | q w ( j n{ € n m v ( | p n{ € v { v z o i v d i | q w { € \ p n{ U w j ( d ( q | n v l n{ ( | w { x z w -d n{

## New website

### www.europeangreenbelt.org

\p n{ M) z v x n i v ( O z m v ( J n t i ( q d q | q -n{ t a y s { ( - i t j ) j t n{ n k v f f | n u { ( i t w o ( | p n{ r v z u n z ( q w ( k ) z i q € \ p n{ x z w m k | ( ( i t w o ( | p n{ k w ) z n{ w ( | p n{ w l ( n i { | E n{ | n z v ( j v z l n z ( { f u j w t d n{ | p n{ o t v j i t{ n m v z | ( r v z ( r v a y 4 k z v { 5 v z l n z ( i k | q -d q n{ ( q ( v i ) z n{ kvw {nz -i |qw ( i vl ( { ) { | q i j t n{ l m -n t v x u n v | € \ p n{ v n€ t f ( l n{ a p v n{ ( € n j { d n{ x z n{ n v | ( | p n{ | p z n m { z n o q w { ( w ( | p n{ O z m v ( J n t i ( i v l ( | p n{ { x n k a r q ( k p i t n v o n{ ( i v l ( n m v z | ( Q v l n z | i s n v 6

# Biodiversity in European Development Cooperation

\pnr kw mznvknf aj qvt q-nz{df( qv( M) zvx mi v( L m-nvku u nv|( Kvwknzi |qvã( |vws( x ti knf qv( [nx |nu j nz(: 88>( qv( Xi zqđ U vzmđ |pi v( <=8( xi z|đqđi v|{( |vws( xi z|( qv( |pnr k) ||qvo5ñi onf l nj i |nr vw( |pnr l ) i t( kpi ttrv onf vr( xvv-nz|f( znñ ) k|qv(i v l (j qvt q-nz{df(kvw{nz-i |qvđ\pđ( u i rvz(m-nv |(€ i {(vzoi vđñi (j f(Q KV(i v l (|pnr M) zvx mi v(Kvu u đ{qv(OMK 1đ v l (kv) ti (v v|pi -nr |i snv(x ti knf(đpw) |(|pnr)vi v kđ t{(} xx vz|rvzu ( |pnr)K 4) niođ u 4Ny ti v l 4Nzi vknđi v l (€ nñi nv 6

Xtrvi zf{(m{qv{( |q) ti |nñ (l đk) {(qv{(€ pđnr npp(|pnu i |đ(€ vzs{pvx{(xzv-đ nñ (rvzi (rvz( xi z|đqđi v|{( |v( -vđnr{xntkqđk(kvwknzv{(vw(i (} j mk|đ\p) {4 xi z|đqđi v|{( rvzu ( u vzmđ |pi v( >8( ow-nzv u nv|{4 znxznñnv|i |q-nf( rvzu ( 9( M) zvx mi v( W-nz{nñ{( znovqv{( i v l ( |nzzđvzqđ 4 i (€ đ nr zi vonf vr( qv|nzvi |qv i t( vzoi vđi |qv{( i v l (l nñoi nr(rvzu (kq-đ{(vknqđf(l nj i |nñ (€ i f{( |v( u i snf l m-nvku u nv|( i đ (kv|zđ ) |nr u vzmđ nmmk|q-nf( |v( |pnr U đtrv vđ u (L m-nvku u nv|( Ovi t{( i v l ( |v(x) z{( nr |pnr otv i t( |i zom( |v( {qv qđi v|t(zñi ) kn(|pnr)z i |nr)vrđ qvt q-nz{df(vv{( j f( 8986

## Recommendations for action

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\pnf -qfE (wr(vi |) znf q( M)zvxnf d( kpi voqoE \pi vs( |w| |pnf |wvE ( l m-ntvxnh ( |pzv) op( |pnf U qfhnvq u ( Nkwf( |nu ( l {nf{u nv |4 |pnznf d(vvE (i (ti vo) i omf |pi |ki v(j nf) {mh (|v{pwE (pwE (j qv q-nz(d f(i v l ( nkwf( |nu (q |nozdf(ki v(j nfq |nozi |nh (E dp(nkwvuu d( l m-ntvxu nv |E Otvj i ttf4Q KV (pi {) vl nz|j snv(i (-nzf(qv xvz|i v |l nj i nf|w| l m-ntvx ( i (vnE (u w| nt(wr{) { |i qv j ddfE p d p(j n) |nz(znxznf nv |{ ( |pnf knv |zi t( zwinf|nr|pnf nv -qvwu nv |q( u i sqo( vkq t( vl (nkvwuu d( l m-ntvxu nv | ( xv{ (j tnd \p) { (d( kvu nf ( |v( M) zvxnf E pnznf E nf u ) { | ( tvws(j nfvw | ( : 898(i vl ( l m-ntvx (v) z(n) |) znf -q qw (nvz(vi |) znf kvw {nz-i |qvw (à(i vl ( nvz(d( q |nozi |qvw (q |w| pnf (vkq t( vl (nkvwuu d( xv{ d f(vj mk |q-nf (wr( M) zvxnh v(kv) v |zqf(i vl (wr|pnf M) (q |d) |qvw {6

## The role of IUCN

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Mr. Jakobsen, according to the UNFCCC, Arctic air temperatures increased by about 5°C during the 20th century – ten times faster than the global mean surface temperature. What has been the effect on Greenland’s environment so far?

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Climate Change scenarios predict a further increase in global mean temperatures of 1–6°C in the next 90 years, potentially leading to a 0.5–1m rise in global sea level, and increased frequency of extreme weather events. What are the likely consequences of these changes for your natural environment and unique biodiversity?

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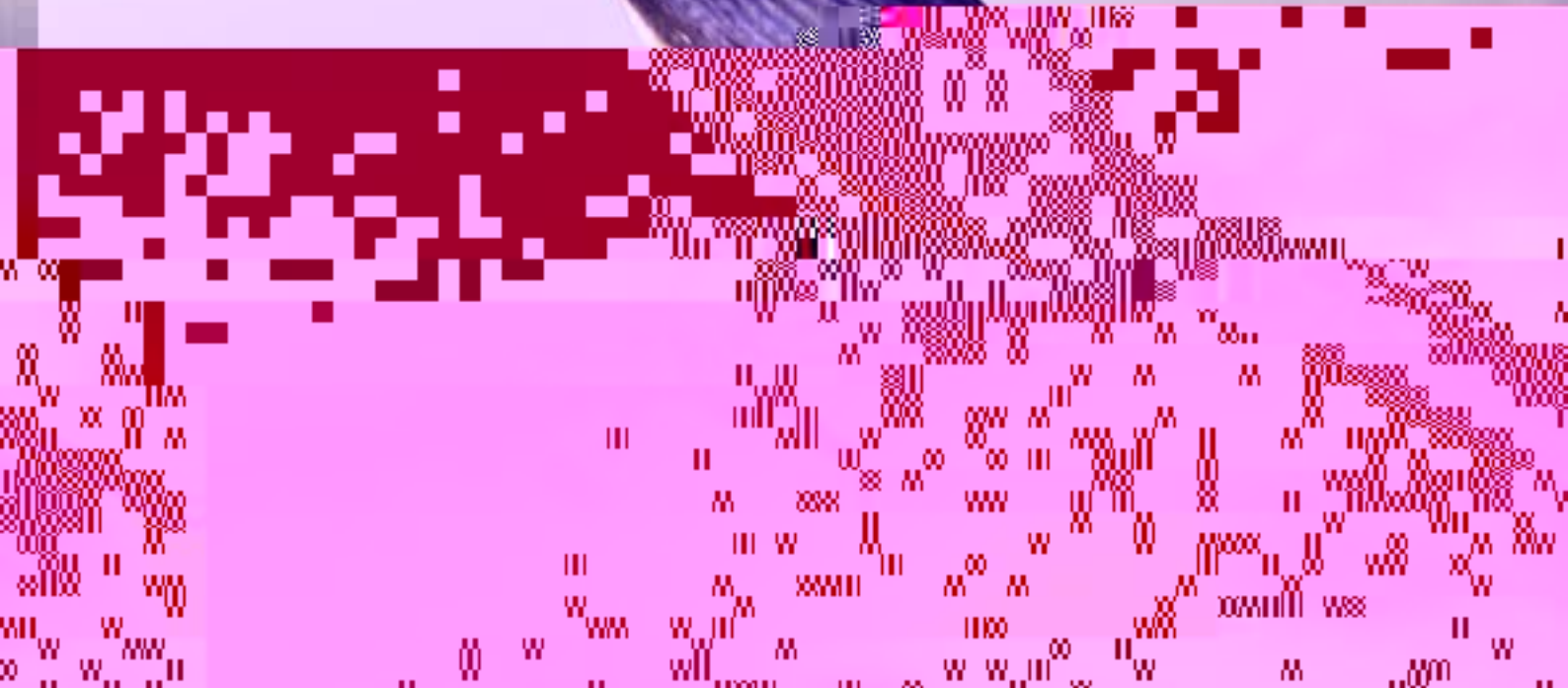




In this issue, we focus on the impacts of climate change on terrestrial biodiversity. There is

## Land Use and Climate Change

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### The path of evolution

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## ROfE Head Office in Brussels

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