

Creating markets for industrial decarbonisation

UCL-BEIS roundtable, July 2020

Introduction

"#!\$%&' !()()*!+, -!./#01#12!3!4/%#2536&1!/7!189145: !74/; !3.4/::!5<1!+=!5!/94/0>2!1320>. 1!5/!
9/!&. ' ; 3?14:!/#!</@!3!; 34?15!./%&2!6!1!.413512!7/4!&/@!.346/#!>#2%:54>3&!94/2%.5:#!B.321; >.:!@141!
>#0>5!2!5!/!320>:1!/#!5<1!.<3&!#C1:!5<35!./%&2!6!1!53.?&12!6' !; 34?15!.4135>#C!; 13:%41:!3#2!5<1!9/&. '!
&1014:!303&36&1!5!/!D/014#; 1#5!>#!5<:!. /#5!185!E<>:!101#5!7/4; :!9345!/7!3!@>2!14!10>2!1#. 1!C35<14>#C!
1814.>:1!5<35!5<1!F19345; 1#5!7/4!G%:>#1:.*!H#14C' !3#2!#2%:54>3&!I54351C' !JGH"!K!341!%#2!1453?>#C!5/!
>#7/4; !5<1!2!101&/9; 1#5!/7!5<1!&/#CL514; !"#2%:54>3&F1.346/#>:35>/#!I54351C' !2%1!5!/6!1!9%6&:<12!>#!
!94>#C!() (M!
!
E<1!+=!>:!/#!7!5<1!7>4:5!; 3N/4!1. /#/; >1:#!>#!5<1!@/4&2!5/!&1C>:&351!7/4!3!#15L014/!534C15!A!G%:>#1:!!
3#2!>#2%:54' !3. /%#5:!7/4!(PQ!/7!+=!1; >: >/#>:#!F1.346/#>:#!C!5<>:!O>53&!9345!/7!5<1!+=!1. /#/; '!
41R%>41:!3!./; 6>#35>/#!7!3994/3.<1:#!>#. &2>#CS!; /41!177>. >1#5!>#2%:54>3&!94/. 1::1:*!:@5.<>#C!5/!&/@!
.346/#!1#14C' !:/%4. 1:!/4!. 344>14: !J1AC!<' 24/C1#*!1&1.54>.5' K'!. 346/#!. 395%41*!%:3C1!3#2!5/43C1!
J, , +!K*13#2!>; 94/01; 1#5: !5/!5<1!@3' !>#!@<>. <!. /; ; 14.>3&!3#2!>#2%:54>3&!6%&2>#C: !341!. /#:54%. 512*!
417%46>:<12!3#2!/9!43512!A!E<1!&/@!. 346/#!543#>:7/4; 35>/#!. 3#!9%5!5<1!+=!/#!5<1!. %55>#C!12C1!/7!

9410>/%:&' !3#2!5<1!&!2!1C411!7!%.. 1: :!A!

Challenges for market creation

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; 3?>#C!6%&2>#C!3CC41C351:!74/; !@3:51!, Yç^!3#2!/#!1!/7!5<1>4!. <3&&1#C1:!:!5/!. /#0>#. 1!.%:5/; 14:!!>#!
3!014' !. /#: 14035>01!: 1. 5/4!5<35!3!#1@!/4!>##/035>01!94/2%. 5!>:!3: !C//2!3: !5<1!/#!1!5<1' T41!%: 12!5/A!!
!

E<1: 1!: 1. 5/4: !3&: /!*\$/. '0"\$** (01&)/2'&+33"0"%2+\$2+1%A!Z1/9&1!@>93' !; /41!7/4!3#!>Z</#!1!/4!3!
9345>. %&34!24%C*!6%5!2>77141#5!5' 91:!/7!:511&2/#15!<301!5<:>!&101&/7!. /#: %; 14!21; 3#2A!!X%45<14; /41*!
>#!5<1!6%:>#1::L5/L6%:>#1::!; 34?15*!; 3#* !/1# (\$%+ ", '&1'%12'4\$5""24"")0/4\$, +%6'(1 - "0'21'
&+33"0"%2+\$2"!&/@L. 346/#!94/2%. 5!>#!3!./; ; /2>5'!; 34?15A!D

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