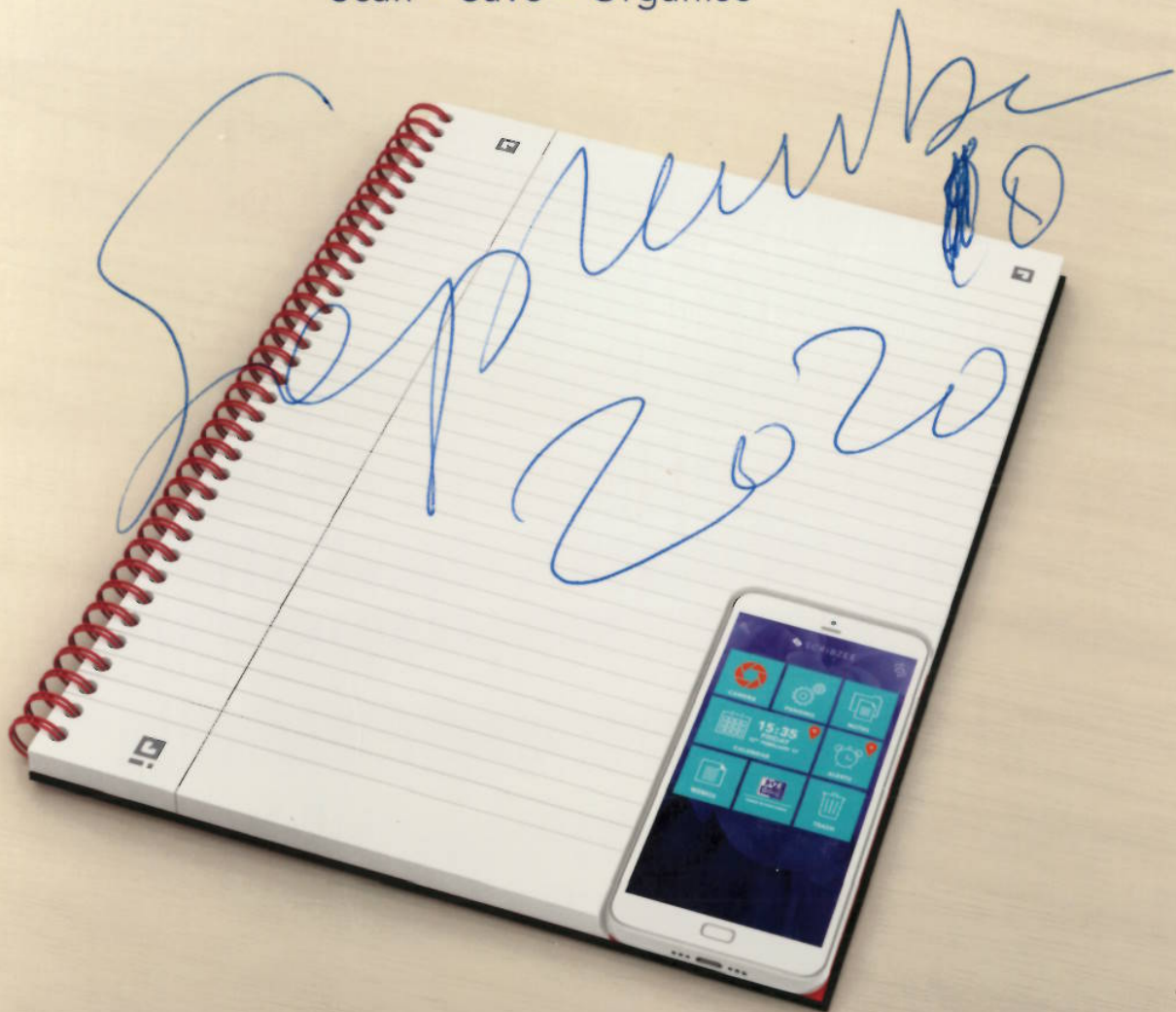
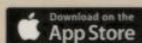


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Sept 10 2020

115k = symptomatic NTH
+ people SAYING have
symptoms
(25% are asymptomatic)

102k = secret case
asymptomatic

61 = asymptomatic in NTHs stuff
+ people who don't have
symptoms

18k = ONS survey people

1k
so we are about 25k per day
start

case homes going up 1,477 positive tests
per week

We are running labs at 100% capacity
NTHs results are positive

Demand has more or less doubled in 6 weeks
a doubling in the number of 5-9 year olds
5-9 year olds are hardly testing positive at all
17-19 yr olds is high & rising.
Demand is skyrocketing

1. 2 schools where people too much to go in
Discouraging people who don't have symptoms from
getting a test

Herbicide use

- ① Use pooling to protect large areas
- ② You could pool in care homes
- ③ Pooling works a lot like care homes because you
know where they are
- ④ People who have symptoms regularly get a test

~~Meat level~~ You can reduce ASC testing

Results - getting universities
- we need biomedical students

you need a small, thin layer of people

You can say you have to prove

MHRA generic weagents

Moondoor :

Scale of Manufacture
how to put them up

Optigene - 300 machines

Oxford Nanopore: 1m tests per day

PILOT using safety tests

Thrust for working in Salford

Derek Cook is the Oxford guy who works in the Hall
He is testing the question = at what level of viral load are
you infectious?

James Bully - sports event & anti event

women's football EFL - Carra - 23rd Oct

11 Sept 2020

Apr

Learn
How
giggle

for more on avizion
but also need a break of
our rules

rule 9/6
→ we as have
pre-

What's new?

Words



11 Sept 2020 COVID dashboard

down 2
down

→ old people
= etc

- ① schools 99.9% of schools open
- ② overall 90% of pupils are back
- ③ 88% of all pupils

Care homes

- ① We have had a sudden surge in the number of notifications
- ② An increase in positivity in the oldest cohort
- ③ Routine testing of care homes was shown significant
Weekly 1878 last 7 days
664 prev 7 days
= 61% increase
- ④ Increased in testing in second care but v. worried
- ⑤ 2.5% in care homes met

- Care home winter plan
- We need an infection control plan
- we have loosened on visitors

June Cummings

- some staff complacent about PPE

Big spike over 7 days 2500
a lot higher than for
some time

10,000 in France



Reactor

character — highest number of admissions going to 130
highest since end of April —
takes us back to where we were
at start of July

Small Stream = 80 covid
admissions a day
40 — a day a week
or 40 days a week

55% covid-positive applicants
450 a week a year

any positive case

approaching the (V) of 20
per 100k.

26 LTA have more
than 50

Bolton 136

Burton 76

Burton 73

CMO

All four CMOs — one goes up
regarding a crisis. It's

gym
monday
chill

BP
- Ben Long

CCUS
40%
EU
Russia

- (1) by 1/2 for env
- (2) F36 increased oil output to announce net zero
- (3) we have to transition - it's what people want
- (4) Equival 2m barrel of oil consumption price as asked = wind turbines
- (5) we are going to reduce volume of oil by 40% in next decade
- (6) we will put £4m in renewables
- (7) 100 app 97 oil & gas
- (8) 10 years time integrated energy company
- (9) 50% renewables
- (10) Reduce emissions 30-40% by 2030
- (11) 1/2 % of gdp - 93,000 people
- (12) Build a power station at Teesside - capture CO2 carbon from natural gas
- (13) Then work with the steel plants - 1300 plants - fertilizer plants. The world's first clean carbon gas
- (14) Bio jet - you can grow it in a room
- (15) The price of the price - the regulatory regime takes us into account. We can announce
- (16) We own the company -
- (17) BP stations everywhere. But we are doubling down on electricity - we want to go to 70k 76, all about range anxiety. We are going to get rid of the infrastructure & put it down.
- (18) The whole infrastructure needs to be rolled out
- (19) China - BP partner of 'didi' - they have chosen BP to build the infrastructure in China
- (20) Mercedes looks to the plants - they decide what starts with electricity
- (21) India - petrol stations - Ambani

Use the site to do last mile delivery
BP - 15% of natural gas

COP26 will be better than Paris

Greenpeace have come out in public fight

The world is not going to transition unless it's free

Hydrogen for power & heat

You have to capture carbon from natural gas

Green / blue hydrogen

There are people who are going crazy at
what some people who are scared

HYBRID working 20% occupancy
lots of people

We all have got to deal with

children, cars, data, likes
people don't know how to ~~manage~~ manage to use

Normal part of life

Glaeser

- 1) Targeted spending - vouchers
- 2) or subsidies for middle class
- 3) Help to buy push of prices in London but no increase in supply
- 4) Vouchers have a someone who creates but then life work
- 5) Underwrite survive the plague as it survived cholera
- 6) This whole thing is less than
- 7) People have been able to find urban service jobs
- 8) There is no government being decentralized
- 9) Always better than better face to face

What do you do w. the brownfield site

less - piled down for local businesses
first business requires
operation next

reduced levels but are not as by residents

[Gov v building]

Leave/break
building public homes

Sunday 12th Sept
Parliament? (ok?)

extreme circumstances

We draw the deck as far as it's advice
concern

The most important duty integrity of law

I can't see how EU is in compliance with its
obligations

We breach until we take statutory instruments
by say it's a breach to take the Bill

EU law is a very specific subset of UK law
not at law - no breach at this stage

Buckland Marr & Ridge

Legs are instrument

Randome

David Davis

Bob Weir
will abstain
in 2nd reading

Sueella/

① EU Tribunal
since court
report to court &
3rd party lists
→ don't have what rules &
cases
analyse based article
Article 16 is repealed
with perspective

talking abt not kind of things
a kind of pro & anti

② We will agree w/ legal
provisions full arbitral
Court can't make ~~decisions~~
arbitration decisions
only great or international law

③ partly procedure
→ Statutory instrument

Can't accept amendments to bill
If we put conditions
then agree

Mandy 21st Splunk → people who can't
to close it down

→ Mesurshot
→ domestic app

→ writing & video

→ party - web

→ schools → taking

care homes

name buying

Dido / Stevens
air bridges

13500 infections Sub

DS/DD Hgky.

62% back a tire office

Return to purchase asking office workers to work from home
order of 100 can - but not by workers

Local shielding

Arden (Mildred)

Arden means a ballroom & Belfast
go to school

6 people in your house
one household indoors

Hope we can get people to comply

We seem to be turning a corner but still very pleasant

Talk about ending the night -

Self - isolation practice & + Barnett

Shaban (70 per 1000)

53-34 overall -

because it's been going people & because hospital rates
haven't been

We need to intervene in a limited way

Just UK

Julian / self-isolation

uk Breakfast

Worries public - SF

Case part of business - remains

happy -

but pre-existing evidence and
that prevents

quite similar - set to be reported
is

People who can work for home
should work for home
work for home if you can

My local if you can
medical appointments

the first people you meet
my local message is part

pub closing thing

with pubs &

being more

rules have done a very good job of
operating the covid scene
employers seem a bit reluctant to
make employees enforce
you have to drink

Nicola

CMOs want to keep alert level back up to 4

helps build momentum

accelerating again -

doing fine 7-9 days -

We are starting to see an increase in *Leishmania* antibodies
concentration in central belt & west of Scotland

The new cases are about

≡

≡

≡

ES

1) Steffan

3899 - cases

daily average 3679

2) It was one (000) at start of month

3) In line w. what Saffron says - Also

consistent w. ONS infection survey.

4) NHS has increased in last couple of estimates

5) 1st cut of ONS data tomorrow

6) concentration in mild cases, South Wales

7) 150 LTCLAs w. 20+ per (000)

8) big increase in number of tests

9) hospital admissions well up

10) Germany still very stable

11) France 4 weeks, Spain 7 weeks ahead of us

12) France & Spain both seeing a steady increase in deaths

Rishi

Anti-procedure in care prevent -
works to be done ??

3) France ? Doubling ? Hospitalisation

Green Valley

- ① push harder or enforcement of rule of 6 + mask-wearing
- ② ages at 10 pm + table service
- ③ masks

Prin non-targeted compliance

avoid unfair

- simplifying enforcement
- not just white but

list - disproportionately but necessary

11 pm curfew - ?

- be clear about the impact this is going to have. Don't have an impact there is a trade-off

We can anticipate some but not all of it

DOM Raab ① how to de-stress?

the hospital's rate

fatality rate ? -

② over - 65s

Mark

Michael Gove

Need to bring on
public who are
wearing masks

Under D

you are defining.
You are behind closed doors -
lower league clubs

We could lose 400 of 6000 clubs
Racing -

30 clubs closing

Minor league club not have
resources

147,000 jobs in business event
A few will close casinos but
employ 14,000 people

Rob Jencks

- Sky in home - office workers
- put moral pressure on people
- 8 places ✓

Michael G

doubles time 7 days

if we had more to sell by order
we need to add

Matt

hospitalizations
have doubled

8-14 days

You can't get around that
more people - hospitalized

product, education, services

→ max reduction of 10

- with ec design → select
50% value

- over 1 billion 10 p

- working more

- ~~other~~ Sports League

→ elderly people - vulnerable

→ savings -

→ savings

→

It's very clearly double last week

What do
we want

No more Global A2. Unless

enforce the law

What about

- R -
- measure
- NOT lockdown
- we need support

~~People don't know it~~

We won't get a fully sterilising vaccine
The first winter will be the worst
We are heading into the storm season

Winnily we agreed that that is
Worst case.

It's what people do in their day to day
lives

Numbers have crept back to work

We haven't had a full year of Covid

Mrs Tregent

Not locked down

Swedes pay staff of nursing homes for sick pay

580 — 614 per hr

The mid empty service

Concealment -

W. A. P. J. -



Tuesday 22nd September 2020

He, phill's says it's a curious 60cm
letter for sports coach

Up it double every week
Public transport - sadig.
no facilities

covid-19 fairly ill advice

for job -
coronavirus & flu at same time

for Boots stopping

French rules schools - up to 3 lev,

per classroom

Keep people wear a mask & touch

Theresa May won't be vlt's for UK in

shielding





George Esler's
last orders
carpenter



Krander

Philip Schuler



T12



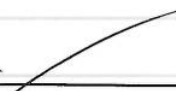
Best

our former 1st & 2nd
Gen's

Robert Smith

He didn't use public transport
except for essential purposes

Steve



Alister

8/12/1944

Backland

2 would have to do
work



Kid's

Don't attend school holidays

- Utility
- Public Transport
- OAS → best
- pub (open) we will look at it

- we are wanted
- we want to do this
- But we can't
- The studies & data
- Some will say it doesn't do any
- It works if we drive to university
- get slides - time runs are broken
- Science with some us
- we will look at
- we must project

Patrick: Case are going up across the UK
differently in different areas

Cumulative have doubled

50,000 cases mid-October

deaths in November

Sandra Riddle

- crisis - alert level 4
- direct enforcement
- social contact -
- rule of 6 -
- reducing weddings & other life cycle events
- protect the vulnerable - winter street for care home

Made

- work from home where possible
- control of workplaces - support for businesses affected by this -
- considered restrictions need to be tougher
- attraction between different households
- Barnett consequences -

Mark Bradford

Consequentialists for £500
self - distal money

Arden / Michelle

Michelle

R is 1.4

- doing on the quantum
- almost after 10m

disproportionate
consequences
quantum of Barnett
consequentialists

high & PPE : is the significant
copies

Pills

25% of RCT papers
have no symptoms
You can't

90% travel 30 miles
median 5 miles

double the 15 copies
by end of October

trials will enable us to
equal tests

quality of research / more
flexible tests

500,000 tests and the
cost

New tech
mixed compliance
68% did not leave home
as clear but general
public is obeying the
rules to self-isolate

Unemployment guarantee
gap still about 11-12% below
where it was when crisis hit

Consumer confidence at very low level
unemployment may well be worse than feared
200,000 have lost their jobs

VAT cut

We will have to live w. gov a long time
People are going to have a long time
to people are going to lose their jobs

~~still in his~~
~~same way~~
- We're in a "crisis"
- supports the
- no work &
- major crisis
- some people
- with regard
- still - +

Sadly

what he is saying is not unlike w. George leaders
or GTS

111 Cases - ICU numbers going up
virus has reached epidemic levels
in 20 boroughs -

Social mixing in households
people not being allowed to visit households

Waters free markets

Increased
ICU admissions have doubled in a week
Newbridge

111 through the roof
hospital admissions going up
blood donors -
ICU going up -
Bris being filled



Wed 23 September

PMQ
Slackie

Mal Shide & Cheryl Gillan withdraw
10 pm curfew - Belgium
pub groups asking
large drink model curfew
National Police Chiefs
members apply
Employment -

German - style wage subsidy scheme
Training
Schools et al. not fully open

Seditious

National Day of Remembrance
queues of trucks
Beales Kitz / M - Shuckh
Overseas Operations Bill

Uganda Trump attacks China
Xi says risk of clash of
civilizations

✓ Remembrance
fest & race
BBC
Andrew Bailey
Trump

Planning

~~Stewart~~
CBI





Cont dashboard

721 since
came home
VPE

Another big jump in cases
4189 daily average
has increased by about 1000
deaths up 37 in UK
doubling of deaths in Egypt
up to 20 per 10 per week before
Aug 237 admissions
has increased by 56%
admissions have nearly quadrupled since
start of Sept
up with capacity

60,000 have virus

8 day doubling time Simon Stevens
1400 covid positive patients at present
Team as late as possible the displacement
of routine services
19000 — 17000 in acute
18974 2000 in mental health

ONS now say 100,000 have virus
in 500

giving priority in NW

London/NE/London
might be seeing an increase - London



2002 data has broadly doubled

Interest in autism 300% increase in 0-9 yr olds
fall in 20-29 age gr

↑ Care jump in 5-10 year olds waiting for
testing

significant increase in tests of 5-10 yr olds

of low test positive children
5-10

It's gone down a bit
teenagers 17-22

much less child to child
school to adult
from adult to adult

test positive is about 0.9%

More than a doubling in A & E attendances
always happens at this time of year

David Pearson Care homes

for 330,000 tests last week

but trend was down

W. but not rising again despite

rising ch transmission - no corresponding rise in
care homes



love

Dido : we considered new labs in same
It takes several weeks to run it
state

We started w. fewer tests for gun
we have accelerated
263,000 at a new record high

Gradually down at 31,000 samples

Rishi

Gove

FT wage subsidy
jobs loans

Jobs
loans
football

Rishi's starter - boost to PWP

enter loan for CBILs
comeback loans 30 Nov
we may need but to be better shift
will they need payment holidays?

What's Rishi's talking on SMEs
the manager

The company isn't recovered as fast as we would like
 $\frac{1}{3}$ with 2 days a week but get paid for 4
It will be more targeted

Your revenues have to be declining
You need to go into something else





TUC right not play ball

~~Just~~ allow Mobas process as
what g not want

(in Gombach was
unp then to 10 year was

CRILS 10 years

VAT pay are 11 month
payments - 6k rate then
60k

Vat cut for hospitals selected not

self assessment payment &
main tax

Loan schemes starting to
ad after year





Gay Jones Express



Simon Stevens - Ntts app to speed -

lot know a lot more about the virus

Billie's British

Rippers

try want to be protected - by little are work per eye. v

Benjamin Jucker
Harriet Baldwin

CPL work



UNGA

turni OKE

- We have cut CO₂ by 8-10%.

- but not the way we wanted

- we will bounce back better
better

but also pressure

so we will cheaper green technology

→ wind

→ solar

→ EVs

→ nuclear / solar

→ recharging

→ for zero

→ we were to put more cars to get a
part of net zero by 2050

- we are going that way

- great to see climate commitment

- looking for the NDC's for COP26

- 12 Dec anniversary of Paris

- we can see that we can meet
we can meet

Michael Dabbe

- MTS capacity have been good
- Training programmes good
- School reports would better be expected
- some economic cutting
rules

1) TSHS treatment training

- not a lot of delivery

2) School reports were coming up complete failure
- political /

3) Lots of misunderstandings - flawed
messages

when that accumulates people stop listening to the message

Other aspects

New sort of rules. Premium given to people

Teddy's working in the public health system
universal health coverage
labor is power

quality of people

What are the priorities you really care about?

Decide how bad things are

Vaccination thing - A photo went right to the door
sweet but sig check

100 hours = you are delivered

The work time people work

Plan etc etc but it will work

What are the links & the chain between your education
the discipline of delivery.

Monotonous delivery

- ① If you don't have A levels, you only get free train until 23
There were a lot of poor qualifications.
Train provides day study degree training course.
Targeted at Computer Aided Design
Building
Mechanical engineering
Civil Engineering
- ② Improving employee-led training boot camps
 - 5 or 6 digital bootcamps
 - breakfast & breakfast where you can do digital skills
 - 6 to 12 weeks
 - employees are putting money in
 - employees help design the course
- ③ More SME apprenticeships
 - for ~~the~~ apprenticeship in small businesses
 - big employers of transfer long interest to small businesses.
 - lots of employers say that
 - wage return for apprenticeship.
 - make rules more flexible

④ Single loan entitlements - to be used in chunks

You can access as much as for a degree

£28k

lab tuition

diploma study ~~study~~

associate courses

mechanical engineering

and engineering

You need more modularisation

Sensitive

Conid dambo 24 Sept

66 34 can

to death 5

hospital admissions — doubling time 7 days

275 hospital admissions

N/E has moved very fast
we needed a lot of instructions in NE
ban on household mixing
travel for certain regions only

We are not yet seeing impact of measures in
N/E. A bit of a risk but local leaders are
not being listened to — they don't

If we go further, too fast w/out taking out
incentives, then huge economic cost

We stopped household mixing.
households cannot mix. ...
Gicester was in full lockdown

Friday 25 September 2020

Unpopularity

right time coming

IFS - sharply rising unemployment

our kids can no longer get on board

Fraser Nelson

2nd Bond's amendment

app. launch gds

Kings College - 11% are graduating

TPs can't get tested

Mom's - dividend, paper, white paper

600,000 in shares

mid dashboard Sept 25 2020

7 days average 5000

50% increase in last week

40 deaths ydy

admissions up! 268 wtd.

ave. per day up 50% in last week

25% more long term

doubled by wdy

these are large features -

Markedly more testing

We have more demand for testing

We are seeing demand starts to dampen a little

People not complying w. rules

Satellite channel & / can home

1 in 500 have the virus

104,000 people - up from 60k

10,000 new cases per day

driven by young age groups

new positive rate double all age groups

small rise in all other age groups

ONS says it is NW

— on London — Sunday

~~that~~

rising steadily

40 per 100k in Eyn

9.9 in SW

100 per 100k in NW

28 out with 6 vats
above 100

Some evidence but small stability - 1/2 of the
too early to judge impact
w/ impact

Waggon
VPE
university

1825 ring spray in N/E & Merseyside

British with pop in N/E
British Pakistanis pop in NW

~~Major has been all of the cities~~

Merseyside & Tyne-side - huge paper
was = good time

Border preparations

Yes please
Europe country

- 1) 80% of traffic GB - EU at the start starts
- 2) Great detail needed
- 3) It's not the UK controls
- 4) These customs procedures apply wh. or not welcome in FTA
- 5) You need an Economic Operator Registration & Identification Number EORI
- 6) You might use a customs agent or you might do it yourself
- 7) The driver needs a movement reference number
- 8) It gets on the lorry with his movement reference number & number plate
- 9) French doesn't IS system works out whether he is a risk
- 10) Agri-food needs an export health certificate
For meat & cattle certificate
- 11) From July the goods & vehicle tracking system includes the customs declaration & the number plate
number on, found for border crossing
- 12) You go to the office of departure & you fill the transit accompanying doc - & get your movement ref number
- 13) 50 pieces of data or is
A customs agent -
Now people will use customs agents - but we need some
- 14) It will now be easier to trade w. use of world for people who have been used to trading w. EU
- 15) 2 critical sites - Ashford & Serpington / Maunston
(both are the trucks & heavy trucks off the Kent roads)
- 16) Fences

Border from HMRC define

200,000 retail - registered businesses also trade w. EU
of which 75K already trade w. rest of world.

150K only trade w. EU. we are creating
shove movements. We are putting up
stop, stop guidance so

people can understand what to need to do really
11, 250 businesses have high value trade w. EU

~~Support~~ One to one support, webinars
The EU importer has to

a business readiness plan

We need the market to spend

PROBS

If you back up on the deficit, you back up a lot
higher

overall spend rate constrained

Export volumes lower at beginning of Jan

The airlines make it's crossing regularly.

As we work along fast

We do believe we will be disappointed in Jan.

Covid impact with suppressed demand

As the world tight capacity but BFT have put in
place

Border impact centre to monitor what is
happening.

are having a proportionate approach so that to
French let them work

Abolish id payments

strikes & Calais —

French fishermen

80% of haulers are foreign

Social care

£4.36m by 2009/10 to fix cement used

Local authorities pay a small rate for
people who are insured - tested
has a medical regulator

15% providers → we need to do good quality work

Personal prevention

Obesity

Smoking
77,500

Cigarettes
Blood pressure

c. cigarettes

Mass campaigns

Box cigarettes - vouchers or e-cigarettes

Blood pressure / more proactive health checks up

£14m a year on diabetes

Fit miles

Pay & pay people for miles

variable across the country
big rates

flexible to differentiate

not going up in hits
hospitalizations & ICU

hospitalizations by region
NW / NE

Regionalized control measures
Whispered Mayor Joe Anderson
Measures

doubling rate less than 7 days in some places
10 per?

Didi Patel Jones based
Manufacture manufacture system

goes live Jan Jan

Heads & name via April
Stressful as water

Slided water route (Dec

Covid - we have water slides
///

Employees have to talk to HQ
To become a supervisor 4-6 weeks
and plans - fixed

20 pbs for an approval sponsor
20 pbs for a sponsor able to speak of the
- and BI (intermediate)
10 pbs for skills

You get 20 points of d's £40K

£20,480 → absolute floor for
Lab technician

You can get extra points if you have the
5th degree. This system has more jobs

4th EUSS scheme

UK citizens & EU citizens
have rights protected

EU ?

How does access health care

ECT jurisdiction

No special cases coordination of law

Per passport
during licence

57% to the 1st paragraph

11.7

settled status

leave to remain

automatic rights of persons



Tests - comparison

- ① We need to match right test to subpopulation or use case
- ② PCR is really good for many of diseases like Covid
- ③ LAMP - loop amplified polymerase chain reaction FAST
- ④ 300 machines a week by city don't have LAMP
- ⑤ LAMP will miss some people but doesn't give false positives
- ⑥ LAMP takes 20 minutes when it is SIMPLE PCR
- ⑦ lateral flow / pregnancy tests and 90%.
- ⑧ You dip in a bit of paper - changes colour
- ⑨ 1 in 500 false positive
- ⑩ So capital bank w. lateral flow then do LAMP



October 9

get jets

James State
It's all directed for Whitehead

Shields - ad be included in
top tier

These are plans

How would
we like
cancer treatment

New York

Testing

1) Lamp - you can put it in ambulatory hospitals as well as home visits.

They get applied a test and the

NHS have been piloting lamp in 4 hospitals.

Lamp/saline - direct lamp for last 6 weeks

Staff really like it. Much prefer spitting to sticking swab in nose.

Results are encouraging.

We are asymptotically from 5-10% of hospital staff.

If we put a lamp machine, you can prevent transmission nosocomially. You can protect patients in hospitals.

It's a way of reducing infection. You pick up people who are positive but asymptomatic or

100-150 hospitals by next December

250 major units.

We can go on

See still - the last of the lamp.

We're recovering a really good idea so you can make it a very multiple sites very fast

37 Fraser Bennett unit

2) We have ordered 254 in lateral flow tests

4 in to be delivered. 31 in a week 7 days.

We are going to do field validation trials

3 in cases (1) children - because it's a lot easier

for. It picks up PCR test. It says bubbles last to 1) state

(2) in schools - keep bubble at school by taking daily (4 days)

(3) same for universities.

You don't need a test site or a lab.

run - up your work - Put legend as to Central
flow list. Not quite as simple as primary test

They are really easy to use but will
Need computer for self - use test.
One of the best.

Smith Korea - working well as an
SD Biosensor

45 out of 50 tests don't work
My

100,000 of more tests that have 15 units
get as many as possible in different locations for photos
a few trusted directors of public health

How far can we rely on it

Mississippi Louisiana & Great Meadows
Tyrone's Messrs. W. H. Johnson & Johnson

improvement

local upon

Monday 26 October
2020

Will it be?

Dashboard Steffen

ONS have rolled in with 0.98%. Have
but also. It is means each time.
480,000 have it, or 1 in 100 people.
The number has more than doubled since the
start of the year.

East, SW, SE (left).

the possibility is the 17-24 yr old
group are dropping - due

17-24 year olds are down

JBC : John Mendelsohn
Presyde

case rates of the 60s of $\frac{360}{370}$ per 100k
Graham's
370 mortgages

Calculating w. overall rate

Yorkshire & Lincoln

NW / NE / Midlands - most
admissions

deaths admissions

Macroeconomics
SR -

Good
starts programme

WTO

dinner w.
breakfast

last

photo

pic

500 words

test & was

points

Prithi we are not negotiating w. aybards
— we are in a neutral pandemic
in a

People are starting to change their
behaviours

We have seen a drop down in the
number of contacts.

More emphasis on yd

status

Blackpool — hospital

convert non-covid to

Blackpool has been a pressure point
in the week

SPI — 14 forecasts —

6 week time 25000

27000

compared w. 19000

[BIOT]

BBc world

OVA satellite — do it

COG — do it

Ridley vs

basic goal — ideology

Africa summit —

Sensitive

Laurence Lubiano

How to make COP 26
a success?

- ① Copenhagen was a failure.
- ② We set our own bar
- ③ Countries diff to net zero.
- ④ Major global economies have to demonstrate how to get there
- ⑤ China, Japan, India
- ⑥ 20 countries that have displayed their long-term plan
- ⑦ Countries have to present better climate plans
- ⑧ Commitments from business organisations - & have to be credible.
- ⑨ We have to announce a plan as widely as possible - we have set our bar - we have to show positive domino effect
- ⑩ Mexico, Brazil, Australia
- ⑪ Build momentum at the plan -
- ⑫ What does China mean?
- ⑬ India now in the interests of people - electrification of transport including railways. US - putting climate finance at the centre
- ⑭ Non-state actors. Is and be credible & accountable to a certain benchmark

- Finance
- Biodiversity
- ~~the~~ business

Mick Stenn

- ① Climate finance target of \$100bn -
- ② we are doing bit less to £11.6bn
- ③ ~~align~~ with commitments by low
- ④ by then 3rd world countries have been hit very hard
- ⑤ Cat: hedge to common crisis
- ⑥ We need to hit ~~the~~ world
- ⑦ IMF draws right -

Sensitive



0.7



14th 5 year plan — same with

Ty need to peak greenhouse by 2025
If we go net zero we get to 1.5

Kate Hampton

cut to export

cele

Launch of Brighton Woods
Resilience

The finance piece is critical

Business/finance needs to be held to
account

After UK into joint declaration
May Renewable bio-diversity

Be us clear

I want to discuss at highest level
You will be the deputy of the trust



Friday 20th October 2020

Cabin size studies most in
media

Mentioned earlier by
Skates → the people
— long way from 3
21.6 in with fire 2

BBK website for all in UK under
continuing creation of time
permanently

JNT said it was doing better
— Moral interventions work
work -

Hospitalisation — up $\frac{1}{3}$ less for those
in less ads
8-17% decrease

1 MF cany regarding on business
— no box was now (remained) told



Bus 10³⁰
 Friday 30th October
 2020

- ① (over) sampling tests up to the current
 useful QPCR
- ② (over) sampling tests are debatable
 whether you can pass it on
- ③ So large & LFN are already less useful
~~QPCR~~

PCOs - just by association
 you have to guarantee to (try to)
 prevent the transmission
 20 people in an day

You can be asked to code down when
 you haven't got the disease

Not if it's possible. It's a balanced judgement
 You do not to balance of probabilities

Mike Cough

agreement to self - administrative to PCs
 can be they be hard not practice

① - Solution - Scan you
 identify via your mobile

② help - administrative PC

③ what happens when people are infected by GP.

23rd November 3 hours



(1) where we can deploy a whole load of
 ... at that scale



published PCR tests
language

Osaka University
ask all of them
showcase all

Indonesian people are not coming forward
for testing - they don't want to
create their friends

Corvid dashboard Friday 30th Oct
2020

Steffan

average

- 1) daily deaths heading at 300 per day -
 - 2) when we went to China was at 143
 - 3) 573,500 people w. virus
 - 4) e & w middle east have highest rates of growth
 - 5) Liverpool - reduction in 17-24 Feb 1985
 - 6) British but people are reluctant to come forward
 - 7) International side. Many countries have seen
 - 8) France is also now disappearing
 - 9) admissions in Egypt highest since May 5
 - 10) best guess since May 16
- Steffan

We have 9000 Covid patients
2800 more in care
3x worse than reasonable
worst case scenario.

We are under the peak we
were in in May / April

20 Nov. We need more
inpatient ~~care~~

April peak at home care
We have seen this

Hospitals across Europe are now
tilling up

20k Covid inpatients in hospital
Medial

— Dutch reports patients to Belg
Belg to Germany

increasing number of patient cases
Morbidity & mortality

3.4% → 5.5%

68% Covid - some beds in care homes
NHS to understand what's working well

appt. VPE ~~that~~ no staff movement
— some mobility in
staff movement

No patient in the developed world without
a test result —

We will have much better data in
next few weeks —

Make our picture a clear —

Stevens: we are publishing nosocomial rates
you see an increase in
nosocomial.

Weekly saliva testing

Strategy.

Case patients with double cases NHS
get sheltered. The more matched it is the
more people do

NHS will not be able to accept as many
patients as previous weeks

When NHS appears

SPI - M - learning infectious
disease modellers

We are further along the RWCs

Friday

Plan 2 has been insufficient to answer points in case
eggs will be in box 3 by early December

If we intervene separately, those eggs will not
be in box 3

We are keen to do this in Nov

We have been putting back on NHS - Nigun Gale

Intensify of which comes to close

Chibi

Plan 1? why does it go?

why keep doing? incremental

Chris 1) Seasonal effect

2) change in the area per New Year

3) vaccine used - also at Xmas

4) epidemics run high in 2 or 3 years & then
die down

Math

1) We will run out of space for the cold

2) We will have to close who to break.

3) We will have to leave older people to die

4) We will have to treat cancer patients ahead of cold
patients

5) Economic harm - a lot of people who've been
home. This has to come down shorter

6) We don't have to treat economic consequences



At 100 steps it was an 11 days it
won't be bad bad

The consequences of not acting are
worse.

Quite a bit of it is already covered in
we can shield the very vulnerable

- ① Not just 83 year olds who die but ^{also} those
who need non-emergency care
- ② emergency services — people
dying of heart attacks — lost phones
- ③ city-km damage to the economy
- ④ epidemics do worse less in terms
of plan. Fear has big ec. consequences

— New York Times

— deaths — how

— non-emergency retail —

— very — formal —

— hospitals

— 6 forms



Covid 31 Oct 2020

No 10

Perth

Guelis
pyridine r.
Lenny



Ally

Donald

Aster

Don Nash

Brickland

Quab

Juride

Anna during

your shopping

Don Doran

Prihi

Frank Spence

Den Wallace

Tiz Call

George Smith

from that

Quella

COL

West

Kishi

Frank

click & collect. Need to update business etc.
Customer - managers etc to remain open.
hospitals, industry.

tier 0-4. - we've come back w. tier

council to have ~~feedback~~. Difficult Nov.

frans - keep

month needs to stay open. how much your own time

concerns of. friend approach. ^{skills, less to reduce} days or work. ^{(cost of day to night work to} ^{production} ^{process}

a lot of colleagues with split shifts

Not auto complete lockdown. companies/manufact. for release

there will be costs on mental health.

The public needs to be told -

Mps should be working. data. compliance

lockdown measures. come putting in place. in a week's time, outdoor science

reopened / local approach. we need to get back to work

by avoiding the lockdown. ^{keeping contact} ^(how do we get data) ^{existing problem} 4 weeks?

lockdown. 2 week first break - look at evidence

goes early ahead. finally - lockdown. ^{ONS data shows impact} ^{very small}

We can't see anything Mps has overwhelmed

We need to think about it too

economic damage. unemployment. how much? get your eye. ^{the system} ^{movement} ^{not open}

a universal workforce. big change. finally. tier 4.

This is bloody.

This is miserable

We don't want to do this

But if we don't we will not survive. Quella leave

It is an even worse plan - ^{not a even longer job} ^{to say} ^{than we could}

We can get things better ~

We can get it done by June

We can



Monday 9th November 2020

good Friday night
He will visit Paris
and travel ban

Obama points on paper for
Wynne

Wales prebreak

CDS

PR comments for Kate Bishop

credit notes

CO samples of ways

£4bn of covid contracts
awarded to private companies
Joe Anderson

National Security

BBC keeps about under
matters.

Rush good

James

FJM

Harry Dean

Wales grade

Kate Bishop

university

30th November
leaves - 83rd Dec

we are helped by national institutions
Spend with 2 - 9 - Dec

ask university to move head
office. Ask our mass for same
time. Hope you will date -
that is my asymptomatic situation
as possible -

Students will be late to 1 Dec
will need to take

Dashboard meeting

Mar 9
Nov 2020

Scans on Medicare but still
no of Medicare

1-18% of pop have it

1 in 85 people have it

Rate of spread per cent is
low

More cases that

deaths £00 per day

tracks only above SPI-1 in
population
Care homes

increase in deaths in
care homes + positive
test for staff

France cases per 100k
for 2020

My point of view
→ find great article
on which area

big reductions

the car is
care home

has the post

with financial

With prebreak - Byll Lane to
go no more severe means
at the time.

No direct test combined (2nd gen
units / not & true has been a
triumph.

Positivity rate has been quite low

MINK. - a virus that came out
of north at humans or
doesn't produce antibodies

60% of adult patients
seen where it's still been
spread. The European nations are
going to will be not hard
making some response

COVID strategy

Nov 9 2020

MSO Council

Leeds RHT

1300 COVID ~~up~~ patients

We are alone to prevent peak - but
NHS.

right include a Non-wild patients
especially in NW.

Non-wild patients less spreaded as
of COVID patients

1) Hospitals are making medical judgments
about what they can't do.

In Yorkshire they are down to 70%.

wips, knees, catwalks, various ways,
non-urgent

2) over last weeks reductions in number of
people presenting for emergencies. We
don't want people showing up here
because of how close we

would like to be a hospital

No full update in April - M

You will have problems everywhere
over 6 weeks

by little cancer with a
input work it will treat
less the post, Mendel, etc.
and have been able to complete

Remain acute 386 pub. -
→ more than April

Unusuals Hospital Bangkok

1621 admissions per day

Exel - influenza -
inpatient motor cases

100 beds for care homes
put more care - cold patients

7500 medical doctor exams were used
- more with the re-availability
7500 have been

What are the results

1/4 of patients with flu, pneumonia

might be used in
survival rate on ICU

Chanc

- (Vet) and
nurses &
doctors
medical

stuff today

stuff to stuff a little more to stuff to patient
70,000 have been tested asymptotically
in last 2 weeks.

Now able to run lateral flow
assays to whole workforce.

Upon test twice a week but needs
w. full instructions -

PCR to dead w. false
positives

advantages of PCR are similar to GC
(26 seq - 10 minutes)

34? rapid tests in emergency dept.

We've been testing people 5 days after
caring case &

26? returning out???

1st & 2nd this weekend

(1) patient keep some rooms.

12910

39.4 %
not included are

3129

20.7 % low level



vaccine

1 pizer

90% efficient

Se to} looks like a really strong
vaccine

only got 1 vaccine
we need to see the safety data.
if it works, highly likely it will work.
we don't know i

From New Year on she begins to look like

Messenger RNA vaccine -

New class of vaccine - like modern. Fastest way to
get sequence of new virus to vaccine
We have no longer seen similar signals from new class of vaccine

LT have 10 in before test

10 in each quarter

depend on how much we can produce

we can only do 50

or not yet depend A2 vaccine over next few weeks

5 in 100 years.

only 2.5 in 1000 of Xmas

Needs to be stored at minus 80



Transpennine route upgrade

NPR

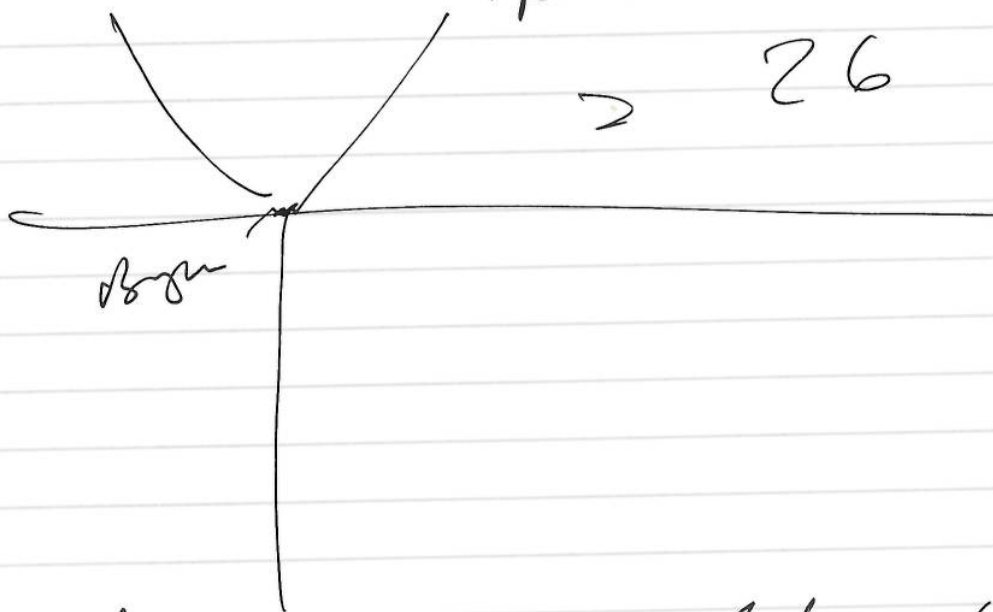
John Alcock
Budget Newcastle

£86bn you get £152 worth of
but not extra leg

only £11bn to build for

Network

26



Sheffield wants eastern leg in Feb or 65
want it to go into Sheffield

Bradford wants a new line from Manchester
to Leeds

1) £2m down to 31 minutes
a siding of new line ...

2) £186m on a new line gets it to 28 or 29 minutes

Need to improve connections from Leeds to Bradford

Goalborne line - looks up to W&A was^l Machine

James Gough / Andy Cantor
was then admit House to London

Cost makes my speculation

upgrades of east coast rail line
with copper any day
New benefits will happen at ~~the~~ west end of line

Eastern LG is 2040
electrification -

My work complete reliability

Main HS2 proposal by -

People don't seem to understand

Sensitive

Simplifying the context thing

A case for just defter ± 20
WT can't cut by ± 20

TIZ coffee

- ① We need to make announcements by 26 Nov
- ② What do we do about UC?
- ③ It has lifted people out of poverty
- ④ You would keep 300,000 children out of poverty
- ⑤ Costs ± 4.5 - 45bn
- ⑥ You would see 3.8m losers who don't have a child to get out of ± 10
- ⑦ People on legacy benefits such as Disability Living Allowance, Income Support, Carers Allowance, ESA
- ⑧ Risk to inflation? Could be a long way from here
- ⑨ About 2m are on legacy benefits
- ⑩ 80% are on legacy would be better
- ⑪ 5-8m households are on UC
- ⑫ Some heat read
- ⑬ British social affairs don't require relative poverty
- ⑭ How do you derive poverty
- ⑮ What to get people off UC

Kidstart

trying to put out

18,000 jobs that have been approved

training in family trip
some are in school

Kate ~~Wright~~

Nov 9 2020

UK the whole country

We would test the whole UK up n first half
of December

int-75% turnout

It means this 30m

30k test sites

350,000 people -

Don't need to be health
or in civil servants -

It will reduce the rate of prevalence

Capital challenge -

higher than any we have done - pandemic
people at home
risk but justice cases don't isolate
this creates a big drive to

We need strong enough supply for test facilities

We need evidence & credible voices.

This needs to be part of a sustainable

strategy in 2021

We have to anticipate the risk by creating a
separate

SHONA

This is an emergency to be by 2nd

National incident command structure. We need
decisive advice & support.

We need a go-fund body & people.

Working w. anybody who has the skills - we need a
really clear requirement
life, face person needs
level of mobilisation on Wednesday -
we need some no regrets decisions on mobilising
we need big decisions on a daily basis
we need lots of support

We might have to change shape of the - vaccines -
funded external, basis?
certainly what?

When we can start giving oral polio & DAs

- Ken
- down - us
-

Graduates mobilise -
No leave on long it.

There will be some people who will go that far

Feb 1971 - I tried to put on hand with his work
appears a lot of criticism from academics

- 1) If you test yourself & you're asked 3/4 of the population
in a day - you need by 2 doctors time
- 2) If it is 1 - you get a quarter of the time
- 3) If it is below 1 you can't do it
- 4) If you are not a professional today, you are not a professional today
- 5) How do you do vaccines? at the same time

Ester's group

breakfast studies
schools
a programme
Sutton

James Green stuff

been on side of

centre

MPs - social media

same as lemmings

Colby - been readmitted

Covid - 0 - a doubling of speculation

Tom Newton-Dunn £15bn

NO representative

We were not transparent

£21 in difference -

ODA not too bad

Tom Tyed that

longer speculation -

Markin says a flat week

Scottish Tories very split

defence

has -

IR

UK

Hurds

blue chair



Dashboara 18 wed
Nov 2020

if we have
a ~~big~~ wave of
people

9.30am

52,556

a real flattening

1.22y.

looking quite flat but very high
spike in cases of 30,000 - now
down to 21,000

Y. age positive - a flattening after a
period of rising numbers

70+ looking hopeful -

first sign that the age of the outbreak
flattening

half the number of older & school age
children

NW / Yorkshire, London - similar or
faster

London seems to be of an update

deaths - 600 ~~598~~

growth week on week rising

R down to 0.8 - 0.9

It has gone up faster than it was
coming down

even if the slope

death curve may be flattening,
little bit

abundance 1500 a day

14400 covid

+ 20k emergency patients

WE are doing twice as much work
with activity



The hospitals must accept not



Ed / Simon Anderson

Long River

He cultivated a range of journalists to demonstrate a knowledge of issues.

2) DWP needs to go unless quote - Widdow

3) Prili - ~~State~~ report

4) James Brokenshire - Minister for Mass Housing
→ stay asked

fake fibre

8% → 27% → 50%

97% Superfast

3% unaddressed service
obligation

minimum speeds for people
who can't get broadband -
we pay the cost £3400

BT given - enormous
sums - Philip Jansen
- 2 for weeks

Gavin
Carrie

Ofcom taking
enforcement
action -
BT are
doing the job
as it only the house
was taking the
work

Leading from
rebuilding 500 schools

→ rebuilding 500 schools is
what it's about



— Ester

→ counter land up
→ vent

→ fibre

→ bulk

→ weaving



- Sarah Dines
- law order
- bus a house
- home ownership

Daniel Knight & diesel
 work midland
 there aren't less working
 there are new cars
 not banned

what consultant
 → Vasa
 → G7-features

Deane Russell
 met w Priti:
 Blechfield School
 supper mental health
 →

Philip Davis

Lee Anderson

Start of the year
 Sal Sal let disputes
 come home
 24 jobs

Jason McCauley

labor power

After football pass back -

my league

cars paid 2nd
 of hours paid

580 per week a Ki Ples

small cup so unfair

Jonker Guller

① grammar schools

② Silicon revolution

③ breakfast
 refreshment

→

metropolitan
apts -

across country

infrastructure SW
15 home threshold for affordable

Paul Howell

get out more

23rd Nov - 26th Nov
give them some steers

Chris Green

Don't know
difficult

T2 - T3

mass tsh's

James Gault - infrastructure

~~yes~~ yes - we'll overcome it

James Daley Bug football club
→ EFL

Matt Vickers business rates
fat hormones YARM

Worship
to which
you will a
full German rate
→ W

→ clays we
→

~~The~~ Incentives

Shona

More popular tests can be a
important weapon but you may get
results if high turn-out

drive down prevalence

hope for local area

ally to as a tool to the tool kit

~~Let the help to~~

- (1) Slovakia - to put such punitive measures -
- (2) we need better communications
- (3) Too many points of friction in Liverpool
- (4) Heavy book, heavy to fill in forms, heavy to
provide data
- (5) If you don't take a test you had a fine
- (6) get tests out of their employees?
- (7) measures to get tested trialled
- (8) trying to offer whole CTs (stay out
incentive

John / Matt when goes to go to
strong lines / more money

What is NHS capacity?
What will it be like in Jan?
How can we increase that capacity?

NHS capacity

with Taylor

- Bed capacity actual
- projections - worse for Midlands / NW
- fewer people in NHS than you all usually expect
 - Last time 20% needed ventilators - now 10%
 - 102,000 G & Acute beds
 - social distancing has taken out 10k beds
 - we have independent capacity & NHS capacity
 - step discharge scheme
 - step hospice capacity

Early Arrivals Sam Helen Olive

Green backhander
compromise -
jobs private sector
movement

An



Macquarie

Shenara

We have been a bit
Macquarie & Son -
30 gigawatt pipeline

Simon

Cap
Budget

Giannuca = we were then welcome
your ambition France / Spain have
presented 2040

Leaf : once they use EV, they don't switch back
price of vehicles, charging station

We need to make them more affordable.

With a battery, reserves available.

charging as convenient.

charging has to be available to face a growing demand

electric power train

electrified system

UK - based R & D on EV

Alan Dipe to economic, social & environmental benefits
go a bit higher on North West

Hydrogen - Port of Liverpool -

impossible to convert a town but

net zero ESR on CSR -

more ambitious time horizons

Kevin flooded unless we sort this out
Siviter, Woolley's picture of



Grant
large anxiety deal
at the end
we have more days locations to
rebuild status
we have enormous investment
by bonds

Javier Carada
Bingham / Leeds /
utilises process
oil / gas
£50m

Nigel Wilson

Modular homes
refitting business £20 - £30k
per house
we have to build the supply chain
we manage \$1.2 billion

Karl Anderson

more ambitious to
we better
we need to deal to jobs
the faster we
move on to
not putting for offshore
with the network
but the way we will
accelerate to job
let us do benefit
from decarbon
deal

Demand Loans

hydrogen village & hydrogen at
are really ambitious
5 of the 10 top 20 carbon
emitters are in Teesside

Current - large step
forward for UK plc
It needs to be a multi-pronged
approach
ability to blend hydrogen
- decarbonise manufacturing in
NW

Cab Sjet but just brown
green matters

CO2 26

Shovel - means
regrets to
move

green hydrogen ready to
go

Alvin - Marie

guarantee much
> green fill
new infrastructure 6 amb
cloud in the billions
we grow
less

Be BOLT

Seven Year
Biodiversity

Sea capture 400 %
more jobs

double down on
new nuclear

EU programmes

Horizon & E

They are structured the programme & we pay into a fund 2 way mechanism or a cap of 10%.

Net contributor as a 3rd country

360m - or + 200m

EU doesn't like indifference
when this so we don't walk away

European is it worth £280m a year?

→ Alto

Academia finds it very useful
universities academics say it's all very useful
if we weren't getting VFM, we'd leave ourselves
SME it a go

Patricia - more competitive than domestic schemes -
this is a truly broad swathe of scientists.

Test to blazer - looking. Spent tend to get the grant

Horizon has prestige. Partnerships - hasn't
replicated both - pure scientific

Alto - highly ambitious & optimistic enough -

The reduction will be much higher. Enormous work to be

doing in excess. We have to find out what it's all for - all for

3rd Horizon for collaborative grants

These are researchers who are
being funded by EU rather than for UK

UKRI + Research Councils

gave
means for international scientific
means of attracting

12 & 6 budget



Save

up to £50m for non-commercial benefit
of our patients

Which this is not relevant for collaboration

Dan we are being fleeced

Says R & D

What come from

Prithi EU are putting conditions on
our participation — free movement

Thy scheme — Rome / Rights

Robin

Manifesto commitment on nurses —

Helping to investigate.

He has been too much difficult to deal with

with to 40 hospitals, nurse, GP practitioners

Paul

→ where

→ Dave



19 November 2020

Defence announcement
Lewy with -
Lewy for battle

Oxford please 2 trials
Strong evidence within 60 & 70.

media - Telegraph spreads abt divide
Public health & education

Mark Hughes

Care homes need £500m

vs some perhaps for sports -

to PT speculate on economic forecasts - scary
some kind of deal?

McCluskey & 30 odd MPs