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**Back to Work NOW for the Under 40's**

**A Recommended Industry-Government Initiative**

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**The Plan:*[ii]*** *(To be read in conjunction with attached technical paper on Back to Work April 6, 2020)*

**Step 1:** Deliver confidence to the UK economy for growth and new trade opportunities by releasing all those under 40 -to the workforce- who are healthy and free of the key diseases known to cause susceptibility to Covid-19 and who do not co-habit with persons aged over 60 or persons with key diseases. The government's policy of shielding the NHS could at the same time be helped by

bringing some under 40's into the volunteer force to work with community care and local doctors, to deliver help into the homes of coronavirus sufferers and reduce the numbers needing to move to hospital intensive care treatment.

- It is possible to maintain the existing policy of social shutdown whilst also introducing a business slow down (versus a total business shut down). The social shut down could then be lifted progressively once new daily rates of cases of Covid-19 are lower cases declared to be recovered.
- Fighting the virus through reintroducing people who the virus does not target is a fast track back to economic growth. The fatality risks to the under 30-39 year olds based on data from Wuhan China and Italian medical reports is between 0.2-0.15% of this age group who have symptoms. A cascading economic collapse of business cannot be justified when the consequences are global recession and poverty related deaths.
- It is also common sense to reverse what is now a daily risk of preventable deaths of non-Covid-19 ill persons being neglected by overwhelmed hospitals. The alternative option is to build up community based care for Covid-19 patients especially once the under 40's are released to work and to use only dedicated facilities for Covid-19 severe cases and staff who can be accommodated locally to shield their families at home. Home care will increase medical intervention options if oxygen separators<sup>[iiii]</sup> are deployed as these do not require the supply of scarce oxygen used in hospitals and will support people's lungs in the event of a moderate Covid-19 breathing distress. A method for disinfecting surgical masks in massive quantities is also being developed in USA research to enable hospitals to maintain an essential supply of personal protective equipment.
- Require business and industry to open when each location has a demonstrated bio-security plan to reduce virus transmission across their

workforce and when in contact with the public. Procedures can be copied from business and transport now open in China. Workers can take their temperature before entry to the workplace as well as during a work shift and can follow risk based social distancing appropriate to the industry. Transportation may be frustrating for people returning to work as it will be essential to maintain cleaning and inspection and run all transport with controlled low volumes of passengers.

- University students and children from age 12 upwards may also be released along with the under 40 workforce given that they can cooperate with social distancing and hygiene requirements. There can be assessment of return of children below this age and infants following the first six weeks of business getting back to work and when bio-security in buildings and transport has been practiced and assured by credible processes.
- Opening small business with local footfall –subject the abovementioned bio-security measures- would be a massive morale boost to the population as people can enjoy a wide range of economic activity while accepting shut-down of social life outside the home.

**Step 2:** After six weeks, bring the 40-49 age workforce back into operation for those businesses provided that recorded Covid-19 rates have not grown above the expected threshold for this age group. This will incentivise bio-security.

**Step 3:** Innovate a nation-wide approach and create trade platforms on the cloud for specific industries with on-line marketing, trade displays, business and meetings. An innovation example would be films made of performances in Britain's world famous theatres and partnering with Alibaba, Amazon, Net Flicks, BBC and other on-line sales of entertainment. This has already been a small component of live streaming but theatres shut-down for social distancing could use a global marketing platform and develop more broadly under a new business model.

**Step 4:** Industry and Government to appoint for digital and disruptive innovation an Industry and Science Advisory Committee with multidisciplinary capabilities drawn from the Royal Society and universities such as Oxbridge, Kings College London, Warwick, and Imperial College supplemented by an international perspective from a group such as the World Federation of Sciences.

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[\[iii\]](#) This initiative is recommended following a presentation of a researched paper into the feasibility of releasing the under 40 age group. The research paper was presented on April 6, 2020 to a remote international meeting of doctors and scientists in a paper titled 'Reducing Lockdown for the UK and other Countries using Lessons from Wuhan: Back to Work for the Under 40's. Paper presented to meeting on **Novel Coronavirus Catastrophic Risks, Mitigation and Resilience of Countries**, World Federation of Scientists International Seminars on Planetary Emergencies Permanent Monitoring Panel - Mitigation of Catastrophic Risk and Megaterrorism Remote Meeting April 6 2020. Attendees included medical specialists in immunology and treatment of coronavirus from Italy, India, Africa and scientists from a number of other countries including UK, Sweden, Germany, USA and South Korea.

[\[iiii\]](#) Oxygen Separators were identified as resource for home care of coronavirus by the scientists attending the April 6, 2020 meeting referred to above.

