Question to Dref Folgener: For officiency reason is	DAE. For a tidal range aphama to
Question to Prof Falcoher: For efficiency reason, is	RAF: FOI a lidal range scheme to
there minimum tidal tidal range for tidal turbine?	generally be efficient in my
	experience one needs to be
	considering a tidal range of at least 5
	m However there are a number of
	factors to consider including. (i) that
	the maximum energy for generation is
	also proportional to the wetted plan
	surface area, and (ii) the scheme (i.e.
	barrage or lagoon) may be primarily
	planned for other purposes (e.g.
	protection against coastal erosion
	and with operation being a
	and with energy generation being a
	secondary factor)
What technologies could be employed to reduce the	RAF: Unable to answer not my field of
carbon footprint of such a construction? I thinking	experience, but I work with
mainly of concrete	colleagues who do have experience in
	this field. Please email me if you need
	more infe on this matter
Are there any tidal lagoon already built in the UK or	RAF: There are currently no lagoons
world?	built specifically for tidal energy in the
	UK so far as I am aware, but there are
	several barrage projects built work-
	wide including: La Rance Shiwa etc
	white, including, La Narice, Shiwa etc.

What are the most effective energy storage solutions	RAF: Energy storage can be delivered
for balancing the intermittent nature of tidal energy,	through the use of AI and adjusting
and how feasible are they in terms of cost and	the starting head, via a flexible
scalability?	operation approach, to use barrages
	and lagoons to provide storage to
	meet generation at times of peak
	demand.
What technological advancements are needed to	RAF: In my view the main
optimize the performance of marine renewable	technological advancements on this
energy systems in shallow water? And low tidal	front will come through the design
range	and operation of the low head
	turbines currently on the drawing
	board and now being designed and
	tested.