Making a stand

Through initiatives to increase energy efficiency and reduce waste, the UAE wants to ensure residents have sustainable options to safeguard resources in a region vulnerable to climate change. By Nick Leech

Last night saw the opening of Eco Future, an engaging new multi-media exhibition at Manarat Al Sadiyat that offiers visitors the chance to create their very own city of the future. Aimed at the next generation, the show presents children and their show process children and their show process children and their exhibition of the control of the contro the decisions they make today might affect all of our hees in the future. The commental activity from Bur Dubai, that sense of personal responsibility and the interconnectedness certain of the commental activity from Bur Dubai, that sense of personal responsibility and the interconnectedness certain of the commental control of the commental of the commental and we need to use less electricity. This activity the environment and we need to use less electricity. This activity the environment and we need to use less electricity. The commental c

bon emissions, and their ecological too many variables to make compar

sons between the UAE and the UK or USA meaningful." The founder of Carboun, a re-

The founder of Carboun, a re-search-based initiative that seeks to promote sustainable urbanism throughout the Middle fast, Elgen-throughout the Middle fast, Elgen-shilty advocate who has worked on many projects in the region, includ-ing Misdda whocate who has worked non-many projects in the region, includ-ing Misdda on the region of the region in-the region in the region includ-ing Misdda on the region in the search seeks who what the aver-age person in the URL emits a lot of earth or emissions and the results are worying. However, If you stack shillijk is pretty limited. The URL is shillijk is pretty limited. The URL is

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region. The UAE is the first -and so far only -Gulf country that took of a roby -Gulf country that took of a roby -Gulf country that took of a roby -Gulf country that took of carbonize its electricity tied mix, most significantly by developing its nuclear power program. Taxis in experimental region of the destraint a region and leadership in remarks regional leadership in remarks a regional leadership in the remarks regional leadership in the remarks regional leadership in the remarks region of the detrimental effects of the remarks of the destraint of the destraint of the remarks of the destraint of the remarks o

550 In litres, the average

7:1 The ratio of the UAE's use of energy compared with the global average

The position, behind Qatar and Trinidad and Tobago, of the UAE's carbon dioxide

Sources: Environment Agency Ab Dhabi; Statistics Centre -Abu Dha Manarat Al Saadiyat; US Departme

road. In the field of transport, this wastefulness is exacerbated by a reliance on private vehicles – due to subsidised fuel prices – and the absence, until recently, of a proper public transport network, something that Dubai and Abu Dhabi have started to address with their Metro and the Abi Dhabi Department of Transport sur

face transport master plan. Other factors in the UAE's poor enorien ractors in the O.B. spoor en-vironmental performance are the en-ergy required for desalination - the UAE has the third highest desalina-tion capacity in the world after Saudi Arabia and the US - and the inherent Arabia and the US- and the inherent waste of clean water. Consider, for example, the sks and a half million it possible, the sks and a half million it just one of the capital's golf courses each day, and it's easy to see how Abu Dabab residents consume a per capita a werage of 550 litres of water per lat a werage of 550 litres of water per of 180 litres ped ay, according to the Environment Agency Abu Dhabi. When it comes to achieving energy efficiencies in buildings, the issues in the control of the control of

efficiencies in buildings, the issues efficiencies in buildings, the issues issues of the property of the property of the defiance of the local climate, many of defiance of the local climate, many of the property of the enormous amounts of air condition-ing to function. Demoishing these would not only be financially untens-uous amounts of air condition-ing to function. Demoishing these would not only be financially untens-uous amounts of the condition of unusustainable, and crediffing them is unrealistic for the same reasons. However, as Vassince epalias, "in a Morever, as Vassince epalias," in a duced energy [is] consumed in resid-dential and commercial buildings, Improving buildings' energy per-mitting the property of duced energy [is] consumed in resid-dential and commercial buildings, improving buildings' energy per-mitting the property of duced energy [is] consumed in resid-dential and commercial buildings, improving buildings' energy per-mitting the property of duced energy [is] consumed in resid-dential and commercial buildings, improving buildings' energy per-mitting the property of duced energy [is] consumed in resid-dential and commercial buildings. (iii) and in the property of duced energy [is] consumed in resid-dential and commercial buildings. (iii) and in the property of duced energy [is] consumed in resid-dential and commercial buildings. (iii) and iii) an

wastage that has accompanied its recent growth, it's perhaps not sur-prising that reducing demand and achieving energy efficiencies have both been identified as a key drivers for reducing emissions. However, there is still considerable debate about how best to achieve these make

about how best to achieve these goals.

As Alam explains, WWF's focus is on the efficiency of domestic appliances and regulation; for example, the widespread use of LEDs and energy saving light bulbs. "One of our key focus areas is to develop an energy efficiency standard for domestic lighting. If you look at case studies from around the world, it can really

from around the world, it can really help you address energy consump-tion in a very cost-effective way. If you have been a support of the control of the energy inefficient products, that can really make an immediate impact; and of meaningful change is illusory, even with all the UAF's advances in planning, design, construction in planning design, construction is companied by profound changes in social attitudes and behaviour by the points to recent events in post-tusimal japan and efforts to reduce the nation's energy consumption in shoring as widence of the power of

the face of an enormous and sudden shortage as evidence of the power of social change. Such as the sum of the power of the social change. The sum of the sum of the sum of the an as understanding that they had a responsibility to keep their power consumption low. If they could'd do that, they were going to have to on again, Saving energy became the moral thing to do. ... It was a matter of ell preservation and pride. Such properties of the sum of t

It is precisely this feryour, a very dif It is precisely this fervour, a very dif-ferent kind of energy, that the UAE would do well to capture. As 10-year-old Disha says: "Whenever! I travel and I tell people! come from Dubai in the UAE, people ... think of the world's tallest building, the biggest totel, the biggest shopping mall. I want them to think of the UAE as one of the greenest places in the world. This is my dream."

→ See Oasis on w8-9 for the effects of global warming on the Polar ice



