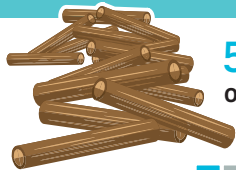


New use for wood waste

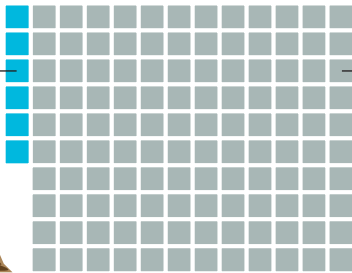
Researchers from the National University of Singapore have recycled wood waste, which was previously burned or disposed of, to form biochar. Biochar is added to concrete mixes, enhancing their strength and impermeability.



530,000 tonnes
of wood waste generated
in Singapore in 2016



6 tonnes
of wood waste that is
converted into biochar



+ 120 tonnes
of concrete



Concrete mixture
will be up to
20% stronger
and up to
**50% more
impermeable**

**One
100 sq m**
of residential
apartment

