

ABSTRACT

A cement composition for carbon dioxide fixation, comprising a cement composition and a carbon dioxide absorbing liquid containing a carbon dioxide absorbent.

A hardened cement for carbon dioxide fixation, comprising a hardened cement and a carbonate supported on the hardened cement.

5 A carbon dioxide fixation method comprising: mixing a cement composition with a carbon dioxide absorbing liquid containing a carbon dioxide absorbent; hardening the cement composition containing the carbon dioxide absorbent to obtain a hardened cement for carbon dioxide fixation; and

10 contacting the hardened cement with atmospheric air to fix the carbon dioxide contained in the atmospheric air in the hardened cement.