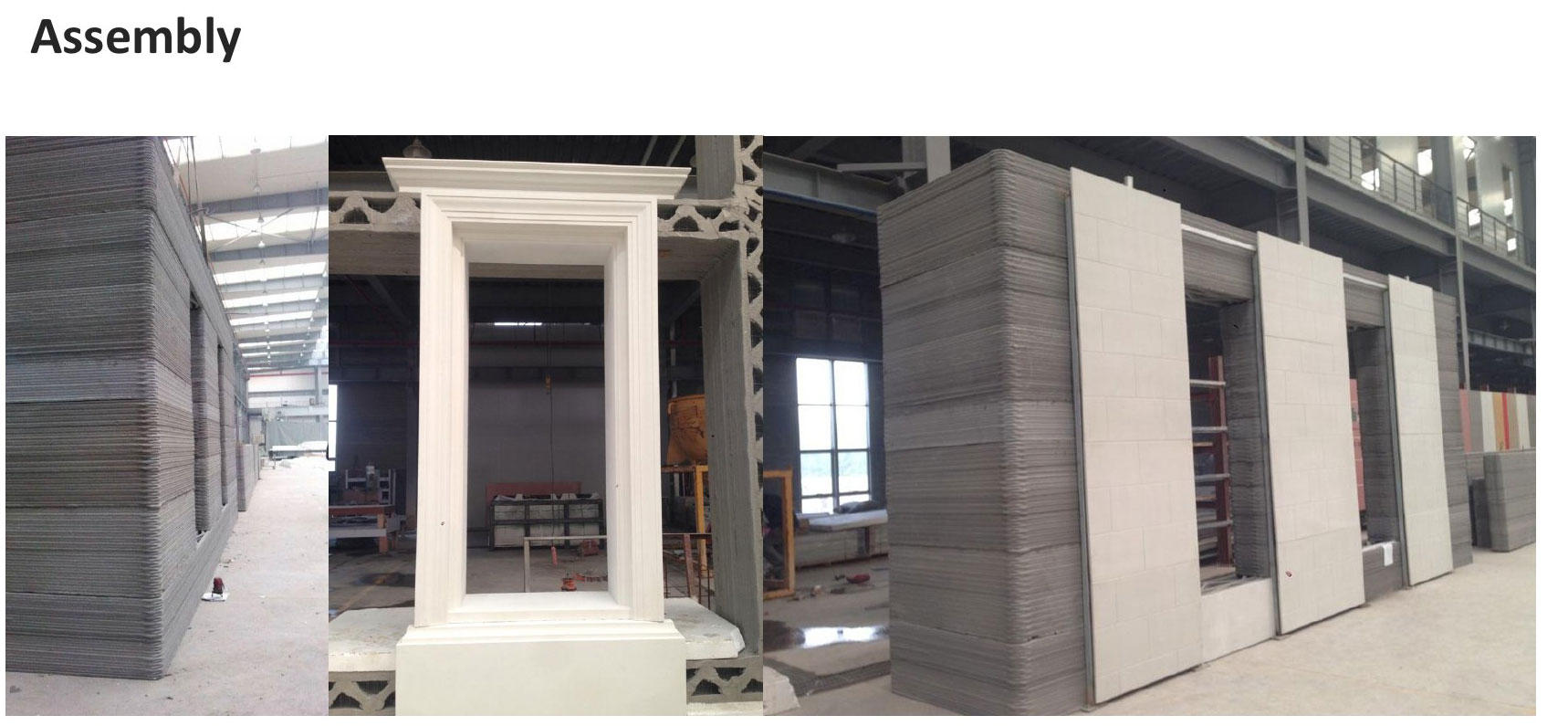


We built houses with a 3D Printer,which is 20 feet tall, 33 feet wide and 132 feet long in less than 24 hours. The parts, such as frame, wall were printed separately. Such a new type of 3D-printed structure is environment-friendly and cost-effective.  
All materials used were created from recycled construction waste, industrial waste and tailings.  
We produce a mix of cement and construction waste to construct the walls layer by layer, a process much like how a baker might ice a cake. We also plan to building 100 recycling facilities around China to help keep us with demand.



Using a CAD design as a template, a computer controls a mechanical extruder arm to lay down concrete, which is treated with special hardeners so that each layer is strong enough to support the next. one wall at a time. The pieces are subsequently joined together at a construction site. These walls have a diagonal reinforced print pattern inside it that leaves plenty air gaps to act as insulation assembled on site.


**Questions:**  
  
**1.   To print a house, what needed?**  
l  A basic template or CAD Drawings; clients can choose a basic template, and customize it however they want. Similar to the 3D-printed  
construction projects, prefabricated buildings have also proven themselves to be fast, cost-effective options  
  
l  3D-printer; 20 feet tall, 33 feet wide and 132 feet long.  
  
l  Yingchuang special formula-ink; The ink inlcuding recycled construction materials(Construction waste), such as sand, concrete and glass fiber as well as Crazy Magic Stone;

**2.   What can YINGCHUANG sell?**  
l  3D printed walls;  
  
l  3D printers;  
  
l  Secret part of the ink;

**3.   Tell me about the “ink”**

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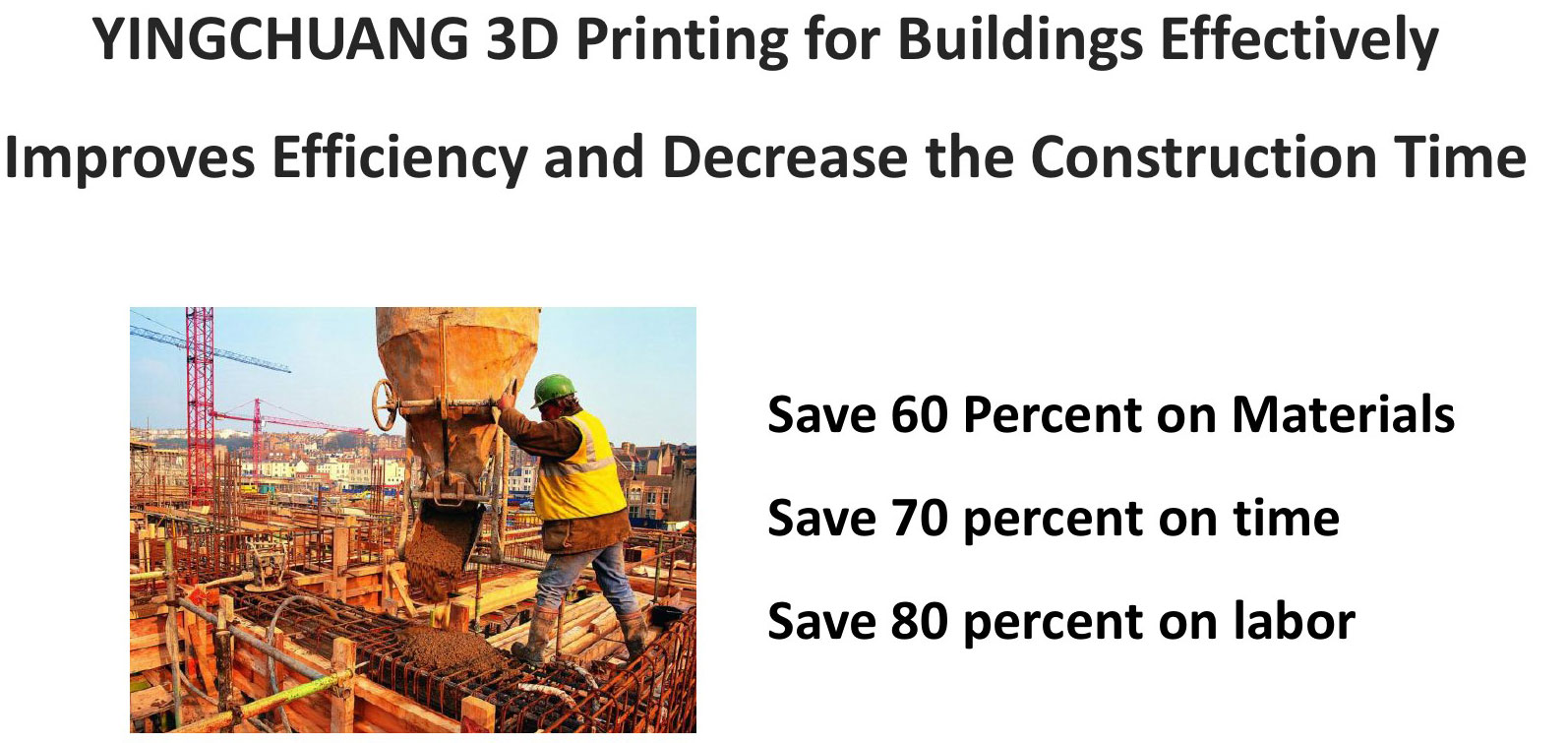
**4.   What about the 3D printed walls?**  
l  The walls are printed from special ink. The special 3D printing ink are extracted and purified from fine natural stone, plus High quality cement and fiber, with much higher strength and toughness than that of high grade concrete and common wall materials.  
  
l  The 3D-printed Walls won’t cracks, and are of strong water proofing, better air permeability, better heat preservation and low carbon pollution.  
  
l  The wall is produced in a fully-digital way, no ways to cut corners, with errors as small as in millimeter.  
  
l  The quality is highly improved, about 50 percent lighter than common construction material.



**5. Any other parts you have printed? Yes.**

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**6.     Why choose 3D house printing technology for construction?**

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