

# CONSTRUCTION METHODS RESEARCH

## GENERATIVE STRUCTURES WITH NATURE

CHAIR FARM - WERNER AISSLINGER

CHAIRS ARE GROWN IN A GREENHOUSE IN A STEEL “CORSET” THAT DICTATES THE DIRECTIONALITY IT SHOULD GROW.

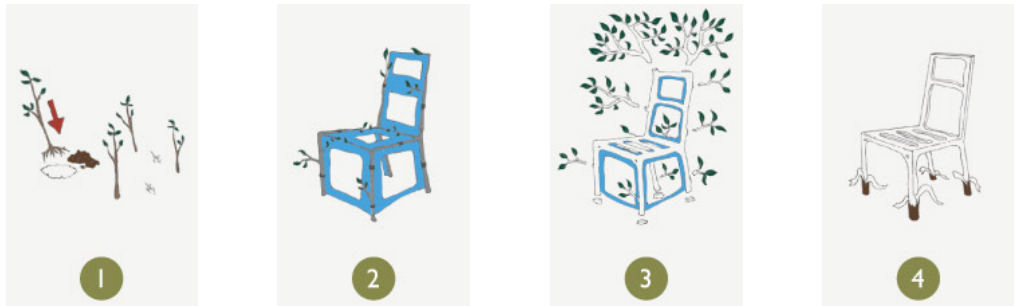
ONCE IT MATURES, THE “CORSET” IS TAKEN OFF AND THE CHAIR REMAINS.



FULL GROWN - GAVIN MUNRO

CHAIRS AND LANTERNS ARE CREATED BY GROWING PLANTS AND GRAFTING THE TREE SHOOTS INTO EACH OTHER ALONG A MOLD.

WHEN THEY MATURE, THEY ARE HARVESTED AND SMOOTHED.



BUILDING BOTONY - FERDINAND LUDWIG, OLIVER STORZ AND HANNES SCHWERTFEGER

ONE YEAR OLD WILLOWS ARE PLANTED AROUND STEEL PIPE. THEY ARE ALSO GRAFTED ON TOP OF EACH OTHER, TRUNK TO TOP. THEY ARE THEN SHAPED OVER TIME TO FORM THE STRUCTURE OF THE PAVILLION.

