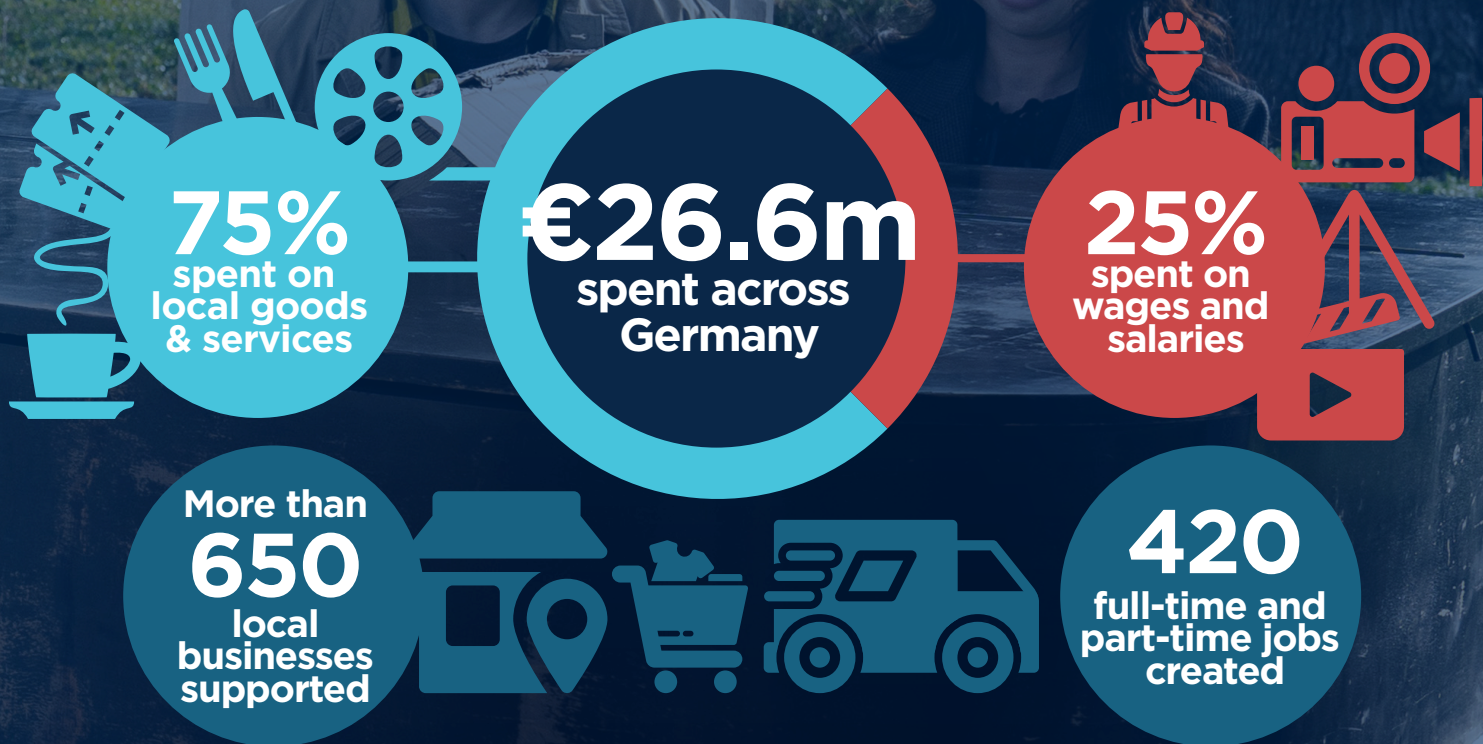


THE ECONOMIC IMPACT OF *PITCH PERFECT*: *BUMPER IN BERLIN*

DIRECT IMPACT OF PRODUCTION



TOTAL IMPACT OF PRODUCTION



OXFORD
ECONOMICS



MPA