This paper will explore definitions, supply chain and scale of Print on Demand (POD) operations and its impact on publishing and library acquisitions. Publisher case studies will be presented from the Lightning Source POD programme. The benefits of POD will be explored including the end of out of print, reduction of carbon footprint, virtual warehousing, speed and increased consumer options for book format. The scale of POD operations will be explored from a large facility which produces 60,000 books per day to the Espresso Book Machine (EBM).