

# India's manufacturing under-performance: A new clue from 'multi-plants'

ABHISHEK ANAND, ARVIND SUBRAMANIAN & NAVEEN THOMAS

Perhaps the biggest failure of India's development and an equally big puzzle is why India has under-performed in labour-intensive manufacturing...



Explanations abound on this under-performance. One of the prominent ones relates to plant size...

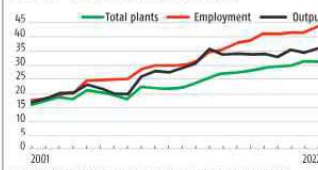
One of the most intriguing and relatively undocumented developments of the last 20 years has been 'multi-plants'...

## PART-I

Why is the phenomenon of multi-plants significant? For three reasons: They change our understanding of firm size and its evolution...

employment and output of private manufacturing plants. Focusing on labour-intensive industries and large plants (defined as those employing more than 200 workers)...

### Share of multi-plant enterprises in private, labour-intensive industries (in %)



Note: Sample restricted to firms employing more than 200 non-managerial employees because that is the minimum size of multi-plants. 2005 and 2023 with average employment per plant remaining broadly the same...

Table 1: Actual and observed plants and employee size

Table with 6 columns: Year, Number of plants (Actual/Observed), Average employees per plant (Actual/Observed), Employees in largest plant (Actual/Observed). Rows for 2005, 2015, and 2023.

Table 2: Estimated evolution in large firm size in labour-intensive industries

Table with 7 columns: Share in total employment (Early 2000s, 2022, Change), Firm size (workers) (Early 2000s, 2022, Change). Rows for Plants above 75th percentile and 90th percentile.

time. For example, important research by Bertrand, Hsieh, and Klenow suggests that large plants grew in size over the last two decades in part because changes in the law and implementation allowed for greater contractualisation of the labour force...

multi-plants. We find that in labour-intensive industries, multi-plants are about 5 per cent less productive on average than single plants of equivalent employment size...

rent larger than a similar plant in India. This size advantage is critical, as larger plants in Bangladesh are far more efficient, exporting 95 per cent of their output compared to just 37 per cent for Indian plants...

So, this pattern of large firms not becoming larger and remaining low productivity in labour-intensive manufacturing (where perhaps scale matters substantially)...

(Continued from previous page.) For tendering and settlement of shares under the revised mechanism is specified in the Annexure to the said circular. BSE Limited, Mumbai ('BSE') will be the Stock Exchange for the purpose of tendering the Equity Shares in this Open Offer...

MARK CORPORATE ADVISORS PRIVATE LIMITED. 404/1, The Summit Business Bay, Sant Jambai Road (Service Lane), Off Western Express Highway, Vile Parle (East), Mumbai - 400 057. Contact Person: Mr. Manish Gaur | Tel. No. +91 22 2612 3207/08...

Delhi Jal Board Govt. OF NCT OF DELHI. Addendum/Corrigendum No 01. Subject: Expression of Interest (EOI) for bioremediation/Phytoremediation Treated Process issued vide Letter No. DJB/EE (15P)/2024/1318 dated 29/08/2024 displayed at DJB's website.

Form No. - NCLT 3A (Rule 35 of the National Company Law Tribunal Rules, 2016) Before The National Company Law Tribunal, Allahabad Bench Company Petition No. CP (CAA) No. 16ALD/2024 In Connection With Company Application No. CA (CAA) No. 04ALD/2024

BEFORE THE NATIONAL COMPANY LAW TRIBUNAL MUMBAI BENCH C.P.(CAA)/172/MB/2024 In the matter of the Companies Act, 2013; AND C.A.(CAA)/118/MB/2024 In the matter of the Companies Act, 2013; AND In the matter of Sections 230 to 232 and other applicable provisions of the Companies Act, 2013 and rules framed thereunder...

ADC India Communications Ltd. CIN: L32209KA1985PLC000313 # Regd. Office: No. 50C, 2nd Phase, 1st Main, Preema Industrial Area, Bangalore-560058. Website: www.adccl.com

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For Umang Dairies Limited For Panchmahal Properties Limited For Asam Company Limited and their respective shareholders and creditors Umang Dairies Limited, Panchmahal Properties Limited and Bengal & Asam Company Limited and their respective shareholders & creditors, was presented by the Petitioner Companies before the Allahabad Bench of Hon'ble National Company Law Tribunal (NCLT) on 20th September, 2024, and was admitted by the Hon'ble NCLT, Hon'ble Bench vide its order dated 20th September, 2024 has fixed 7th November, 2024 as the date of hearing of the Petition.

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THE ASKA CO-OPERATIVE SUGAR INDUSTRIES LTD. Ph. No.06822-273464, email:askasugar@yahoo.co.in, Website:www.askasugar.com TENDER CALL NOTICE- 1343/2024, DATED-05.10.2024 INVITATION FOR COMPETITIVE BIDDING



