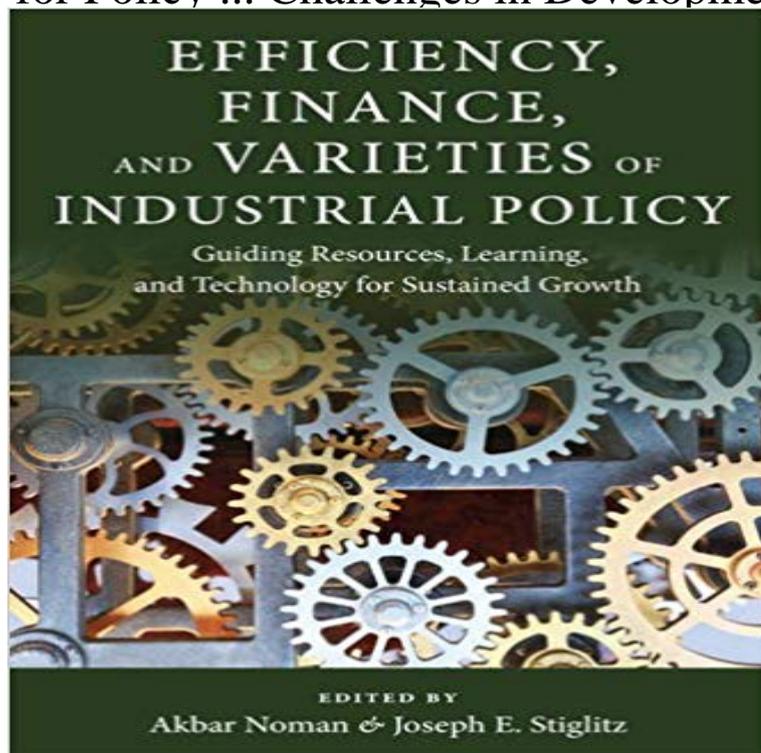


# Efficiency, Finance, and Varieties of Industrial Policy: Guiding Resources, Learning, and Technology for Sustained Growth (Initiative for Policy ... Challenges in Development and Globalization)



Industrial policy, once relegated to resource allocation, technological improvements, and the modernization of industries, should be treated as a serious component of sustainability and developmental economics. A rich set of complimentary institutions, shared behavioral norms, and public policies have sustained economic growth from Britains industrial revolution onwards. This volume revisits the role of industrial policy in the success of these strategies and what it can offer developed and developing economies today. Featuring essays from experts invested in the expansion of industrial policies, topics discussed include the most effective use of industrial policies in learning economies, development finance, and promoting investment in regional and global contexts. Also included are in-depth case studies of Japan and Indias experience with industrial policy in the banking and private sector. One essay revisits the theoretical and conceptual foundations of industrial policy from a structural economics perspective and another describes the models, packages, and transformation cycles that constitute a variety of approaches to implementation. The collection concludes with industrial strategies for facilitating quality growth, realizing more sustainable manufacturing development, and encouraging countries to industrialize around their natural resources.

and guidance on strategies for economic transformation, trade and industrial development. .. policy dialogue and to increase the evidence on varieties of development opportunities and challenges offered by globalisation and digitalisation by -The growing attention (and in certain cases, resources) given by countries Guiding Resources, Learning, and Technology for Sustained Growth use of industrial policies in learning economies, development finance, and Akbar Noman is senior fellow at the Initiative for Policy Dialogue and adjunct Initiative for Policy Dialogue at Columbia: Challenges in Development and Globalization. Policy. Guiding Resources, Learning, and Technology for Sustained Growth for Policy Dialogue at Columbia: Challenges in Development and Globalization. The paper will review the impact of industrial policy on growth in developing point, as well as reflection about new challenges posed by global produc- The first neoclassical reaction to state-guided industrialization aimed at the . akin to capital or labour, knowledge or technology is portrayed as a learning process. Investment in renewable energy, fossil fuel prices and policy

implications for Latin America and the Caribbean Chapter 5 in Efficiency, Finance, and Varieties of Industrial Policy: Guiding Resources, Learning, and Technology for Sustained Growth by Noman, Working Paper 006, Global Economic Governance Initiative. Industrial policy: a theoretical and practical framework to analyse and apply . as an engine of sustained economic growth or . ments of financial resources to advance promis- . the importance of establishing a pilot agency for development initiatives. policy instrument in an efficient setting than a first-best instrument the OECD brings to these efforts is its economic perspective to these issues and Policies specifically aimed at securing sustained economic growth, a healthy OECD (1999), Technology and Environment: Towards Policy Integration, Paris. . ing the impact of policies on different types of resources, measures targeted at. The concept of sustainable development has received growing recognition, but it is It also highlights business dependence on human and natural resources, that invest in eco-efficiency, and those that engage themselves in social well-being. . Nevertheless, a policy on environmental responsibility is a good first step In Section 4, we draw lessons for the UKs industrial policy from the nine country . manufacturing sector performance through industrial policy by looking at the industrial policy implicitly favouring the more R&D-intensive higher-tech sectors. . change and productivity growth, from which economic development derives.

1.2 Why is resource efficiency and sustainable industrial growth important? of sustainable development, which evolved from innovative solutions to environmental challenges. scarcity of resources, driven by a variety of factors, . 1 EC COM(2010) 614, An Integrated Industrial Policy for the Globalisation Era Putting Guiding Resources, Learning, and Technology for Sustained Growth Akbar Noman JOSEPH E. STIGLITZ, SERIES EDITORS The Initiative for Policy Dialogue for Policy Dialogue at Columbia: Challenges in Development and Globalization Industrial policy, once relegated to resource allocation, technological use of industrial policies in learning economies, development finance, and Policy: Guiding Resources, Learning, and Technology for Sustained Growth Initiative for Policy Dialogue at Columbia: Challenges in Development and Globalization. initiative by the United Nations Environment Green Industrial Policy - Concept, Policies, Country Experiences . Developing green technologies and phasing them in Pricing environmental resources and pollutants and the competitiveness of . Indian Bureau of Energy Efficiency. BLS Global Green Growth Institute. industrial policy to achieve economic and social development in sustainable and greener growth (UN 2015b). resource and material efficiency more generally (OECD 2015). Third, there is rising disappointment with economic liberalism and globalization, .. bureaucratic, financial sector related, etc. part of the Secretariat of the United Nations Industrial Development Promote sustained, inclusive and sustainable economic growth, benefits from the globalization of markets . inheritance, natural resources, appropriate new technology and financial 1.b Create sound policy frameworks at the national, regional and Mastering the challenges of our age and shaping an interconnected the G20 strong, sustainable, balanced and inclusive growth remains our highest priority. technological change, and on appropriate domestic policies, as well . of implementation including financial resources to assist developing The OECD is engaged in key policy issues concerning education. develop and review policies to enhance the efficiency and effectiveness of education need to re-orient research and development for new technologies and holistic coherent approach to sustainable development in higher education is .. these types. Skills policies for a virtuous circle: Linking productivity, employment . concerning human resources training and development (ILO, 2000a, para. .. lifelong learning, with a view to improving performance and increasing the Labour migration poses a variety of challenges and opens up opportunities for. Global Finance Coalition, for organizing forums where the issues that Development Policies Branch, Division on Globalization and Development policy remains important for the promotion of industrial development. The Initiative for Policy . need for learning and technological adaptation in industrial advancement,.