## **Contents**

|   | List of figures List of tables List of contributors Preface     | vii<br>viii<br>ix<br>xvi |
|---|---|--------------------------|
| 1 | Simple joint-stock company (SJSC) as new legal form             |                          |
|   | supporting development of start-ups                             | 1                        |
|   | MICHAŁ BROŻYNA AND JUSTYNA PIJANOWSKA                           |                          |
| 2 | European start-ups as forefront of fourth industrial revolution | 14                       |
|   | ANNA BARWIŃSKA-MAŁAJOWICZ, PAWEŁ WALAWENDER,                    |                          |
|   | AND MIROSLAVA KNAPKOVÁ  |                          |
| 3 | Trends and challenges of start-up companies – Slovak/           |                          |
|   | Polish perspective  | 35                       |
|   | ANNA BARWIŃSKA-MAŁAJOWICZ AND MIROSLAVA KNAPKOVÁ                |                          |
| 4 | COVID-19 implications for academia-business                     |                          |
|   | cooperation: case of Polish start-ups                           | 52                       |
|   | AGNIESZKA DOMAŃSKA-SIKORZAK AND HANNA RACHOŃ                    |                          |
| 5 | Science-oriented start-ups and their business models            | 65                       |
|   | AGNIESZKA SKALA-GOSK  |                          |
| 6 | Difficulties in setting up companies among young Spanish        |                          |
|   | and Polish entrepreneurs: case studies                          | 84                       |
|   | TOMASZ BERNAT, ALEKSANDRA GĄSIOR, SERGIO LUIS NÁÑEZ             |                          |
|   | ALONSO, JAVIER JORGE-VÁZQUEZ, AND MARIA PEANA                   |                          |
|   | CHIVITE-CEBOLLA   |                          |

## vi Contents

| 7   | Analysis of problem of developing cooperation among R&D institutions and businesses in Poland as seen by academic employee EDYTA MIODUCHOWSKA-JAROSZEWICZ AND ROMINA PRŽIKLAS DRUŽETA | 103  |
|-----|---|------|
| Q   | Conditions underlying cooperation between science and   |      |
| o   | business in renewable energies area: case study of Janpol   |      |
|     | Technologies Ltd.   | 122  |
|     | RENATA MARKS-BIELSKA AND STANISŁAW BIELSKI  |      |
|     | ~ "   |      |
| 9   | Motivations of entrepreneurial decisions among Polish and   | 1.40 |
|     | Spanish students  | 140  |
|     | ALEKSANDRA GĄSIOR, BARBARA CZERNIACHOWICZ, MICHAŁ   |      |
|     | PRUSINOWSKI, JAVIER JORGE-VÁZQUEZ, MARIA PEANA  |      |
|     | CHIVITE-CEBOLLA, AND SERGIO LUIS NÁÑEZ ALONSO   |      |
| 10  | Global educational trends in formation of competencies  | 162  |
|     | among entrepreneurs of Generation Alpha   | 102  |
|     | ANDREI TSIMAYEU   |      |
| 11  | Promotion of technology-based rural entrepreneurship as   |      |
|     | strategy to combat depopulation in Spain  | 181  |
|     | JAVIER JORGE-VÁZQUEZ, SERGIO LUIS NÁÑEZ ALONSO, RICARDO   |      |
|     | FRANCISCO REIER FORRADELLAS, AND MIGUEL ÁNGEL ECHARTE   |      |
| 12  | Designing business processes using design for Six Sigma   | 200  |
| 1.2 | BARTOSZ SOLIŃSKI  |      |
| 13  | Summary: development of entrepreneurship in turbulent world TOMASZ BERNAT AND JERZY DUDA  | 214  |
|     | Index   | 222  |