

Gap-Filling Cultural/Heritage/Indigenous Entrepreneurship Data

Addressing Key Research Gaps with Empirical Evidence

REFUGEE AND DISPLACED COMMUNITIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework	CIRF Score Analysis
			Validation		
Syrian Refugee Cultural Enterprises (Jordan/Lebanon)	Sidło, K. & Al-Jafari, M. (2019). Social Entrepreneurs' Responses to Refugee Crisis. FEMISE Report 87.4% FEM44-12.	Syrian refugees developing cultural businesses (food, crafts, services) with FEMISE Report 87.4% FEM44-12. experiencing COVID impact but demonstrating resilience through cultural asset monetization.	<ul style="list-style-type: none"> • Cultural asset monetization • Community-based support networks • Adaptation to host country markets • Female refugee empowerment • Social enterprise model adoption 	Economic Value Creation: Revenue generation despite extreme challenges Cultural Integrity: Preservation of Syrian cultural practices in business Social Empowerment: Female refugee leadership and community support Adaptive Capacity: Successful adaptation to displacement context Resilience Capacities (3/4): <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • • • Transformative: 1 	Operational Pillars (3/4): <ul style="list-style-type: none"> • Economic Value Creation: 1 • Cultural Integrity: 1 • Social Empowerment: 0 • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 0 • Dignity & Empowerment: 0 • Resilience Capacities (3/4): • Protective: 1 • Adaptive: 1 • • • Transformative: 1

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
					<ul style="list-style-type: none"> • Generative: 0 <p>Total Score: 9/13</p>
Venezuelan Refugee Entrepreneurship (Colombia)	Bahar, D., Cowgill, B. & Guzman, J. (2023). Venezuelan Refugee Entrepreneurship: Venezuelanans in Colombia. AEA Papers & Proceedings.	Venezuelan refugees creating businesses with Venezuelan capitalization 10-20% higher than local firms, generating economic impact in 2022, with 50% running own businesses.	<ul style="list-style-type: none"> • Higher business capitalization • Cultural adaptation strategies • Community diaspora networks • Government support programs • Entrepreneurship training initiatives 	<p>Economic Value Creation: \$529.1M</p> <p>Social Empowerment: 50% of refugees running own businesses</p> <p>Community Capacity: Successful integration into Colombian business environment</p> <p>Control: Venezuelan diaspora-led support networks</p>	<p>Operational Pillars (4/4):</p> <ul style="list-style-type: none"> • Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 1 • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 1 • Dignity & Empowerment: 0 <p>Resilience Capacities (4/4):</p> <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • • Transformative: 1 • Generative: 1 <p>Total Score: 12/13</p>

ROMA/ROMANI COMMUNITIES

Case Study	Source & Empirical Data	Description	Critical	CIRF	CIRF Score
			Success	Framework	Analysis
			Factors	Validation	
Lithuanian Roma Women Entrepreneurship	Council of Europe (2023). Roma Lithuania - Entrepreneurship of Roma Women Project.	Eight Roma women developed handcrafted framed pictures and traditional costumes, combining entrepreneurship with cultural heritage preservation and challenging stereotypes.	<ul style="list-style-type: none"> Cultural heritage skill integration Traditional costume production Website development and marketing English language training Exhibition and visibility creation 	Cultural Protection: Social Empowerment: Dignity & Empowerment: Community Relevance: Community Protection: Community Benefit: Community Development: Community Stereotypical: Community Non-stereotypical: Community Role: Community Development: Community Cultural: Community Protection: Community Benefit: Community Development: Community Sustainable: Community Resource: Community Empowerment: Community Resilience: Community Capacities: Community (3/4): <ul style="list-style-type: none"> Protective: 1 Adaptive: 1 • 	Operational Pillars (3/4): <ul style="list-style-type: none"> Economic Value Creation: 1 Cultural Integrity: 1 Social Adaptability: 1 Social Empowerment: 0 Community Control Filters (4/5): <ul style="list-style-type: none"> Community Benefit: 1 Cultural Protection: 1 Community Relevance: 1 Roma culture as inspirational business resource Community Development: 0 Community Empowerment: 1 Community Resilience: 1 Community Capacities (3/4): <ul style="list-style-type: none"> Protective: 1 Adaptive: 1 •

Case Study	Source & Empirical Data	Description	Critical	CIRF	CIRF Score
			Success	Framework	Analysis
			Factors	Validation	
European Roma Entrepreneurship Development Initiative	Open Society Foundations (2023). Roma Foundation Europe - €100M commitment to Roma-led initiatives.	Roma-led entrepreneurship development supporting Roma-owned small businesses across Europe, with focus on economic empowerment and democratic participation.	<ul style="list-style-type: none"> Roma-led governance Small business development focus Democratic participation Economic empowerment European-wide network building 	Community Control: Roma-led foundation governance and decision-making Economic Value Creation: Support for Roma-owned small business development Social Empowerment: Democratic participation and economic empowerment Dignity & Empowerment: Roma leadership in major European foundation Resilience Capacities: Protection: 1 • Community Benefit: 1 • Cultural Empowerment: 1 • Sustainable Development: 1 • Dignity & Empowerment: 0 Total Score: 11/13	Operational Pillars (4/4): <ul style="list-style-type: none"> Economic Value Creation: 1 Cultural Integrity: 1 Social Adaptability: 1 Empowerment: 1 Community Control Filters (4/5): • Community Benefit: 1 • Cultural Empowerment: 1 • Sustainable Development: 1 • Dignity & Empowerment: 0 Resilience Capacities (3/4): • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 0

POST-CONFLICT SOCIETIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF	CIRF Score
				Framework	Validation
Afghan Women Entrepreneurs in Conflict	Althalathini, D. et al. (2022). Value Creation in Conflict Zones: Afghan and Palestinian Women Entrepreneurs. ResearchGate.	Afghan women entrepreneurs operating cultural businesses during conflict, using Islamic feminism principles and cultural values as business foundation despite institutional constraints.	<ul style="list-style-type: none"> • Islamic feminism • Cultural value integration • Conflict adaptation strategies • Religious identity as empowerment • Community support networks 	Cultural Integrity: Social Empowerment: Protective Capacity: Dignity & Empowerment: Resilience Capacities (3/4): <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • • 	Operational Pillars (3/4): <ul style="list-style-type: none"> • Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 0 • Community Control Filters (3/5): • Protection of business operations during conflict: 1 • Community Benefit: 1 • Cultural Protection: 1 • Community Protection: 1 • Community Relevance: 1 • Sustainable Development: 0 • Dignity & Empowerment: 0 • Generative: 0 <p>Total Score: 9/13</p>

Case Study	Source & Empirical Data	Description	Critical Success	CIRF	CIRF Score
			Factors	Framework	Analysis
Iraqi Cultural Heritage Reconstruction	Isakhan, B. & González Zarandona, J.A. (2019). Heritage and Cultural Healing: Iraq in Post-Daesh Era. International Journal of Heritage Studies.	Iraqi communities attempting cultural heritage reconstruction and cultural healing after ISIS destruction, with limited success due to funding and institutional constraints.	<ul style="list-style-type: none"> Cultural heritage focus Community healing integration International support mechanisms Archaeological site protection Cultural identity restoration 	Cultural Protection: Transformative Capacity: Community Relevance: Protective Capacity: Resilience Capacities (2/4): <ul style="list-style-type: none"> Community reconstruction central to community development Community Benefit: 0 Cultural Protection: 1 Community Protection of remaining cultural assets Sustainable Development: 0 Dignity & Empowerment: 0 Community Relevance: 1 Sustainable Development: 0 Community Empowerment: 0 Cultural Protection: 1 Community Protection of remaining cultural assets Sustainable Development: 0 Dignity & Empowerment: 0 Community Relevance: 1 Sustainable Development: 0 Dignity & Empowerment: 0 Community Resilience Capacities (2/4): Protective: 1 Adaptive: 0 • 	Operational Pillars (2/4): <ul style="list-style-type: none"> Economic Value Creation: 0 Cultural Integrity: 1 Adaptability: 1 Social Empowerment: 0 Control Filters (2/5): Community Benefit: 0 Cultural Protection: 1 Community Protection of remaining cultural assets Sustainable Development: 0 Dignity & Empowerment: 0 Community Relevance: 1 Sustainable Development: 0 Dignity & Empowerment: 0 Community Resilience Capacities (2/4): Protective: 1 Adaptive: 0 • Transformative: <ul style="list-style-type: none"> Generative: 0 Total Score: 6/13
Syrian Entrepreneurship	Bayram, A.S. (2025). Rebuilding	Syrian entrepreneurs showing 80%	<ul style="list-style-type: none"> Entrepreneurship attitude 	Economic Value Creation: Growing	Operational Pillars (4/4): <ul style="list-style-type: none"> Economic

Case Study	Source & Empirical Data	Description	Critical Success	CIRF	CIRF Score
			Factors	Framework	Analysis
Ecosystem Revival	Syria: Entrepreneurs Are Ready. Impact Entrepreneur.	viewing entrepreneurship as "extremely important" (up from 26% in 2015), with Hack for Syria demonstrating entrepreneurial appetite for reconstruction.	transformation • Diaspora knowledge transfer • Technology-driven solutions • Post-conflict reconstruction focus • Global ecosystem engagement	entrepreneurship ecosystem for reconstruction Transformative Capacity: Transformation from conflict to entrepreneurship focus Social Empowerment: Youth and diaspora leadership in rebuilding Adaptive Capacity: Technology adaptation for post-conflict challenges Resilience Capacities (4/4): • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 1	Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 1 • Community Control Filters (3/5): • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 0 • Dignity & Empowerment: 0 Total Score: 11/13

URBAN MARGINALIZED COMMUNITIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF	CIRF Score
				Framework	Analysis Validation
Mangueira Favela Creative Economy (Brazil)	Schiray, D.M., Carvalho, C.C. & Afonso, R. (2017).	17 creative economy initiatives in Mangueira favela developing Creative Economy as Social Technology: Favela da Mangueira Case Study. Emerald Insight.	<ul style="list-style-type: none"> • Cultural and artistic activity integration • Youth community awareness building • Social tie • Individual empowerment • Local entrepreneurship development 	Cultural Integrity: Strong focus on family history and cultural identity Social Empowerment: Youth empowerment and community awareness Community Benefit: 17 initiatives creating local economic opportunities Transformative Capacity: Protection: 1 Cultural activities as social transformation tool Resilience Capacities (3/4): <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • • Transformative: 1 • Generative: 0	Operational Pillars (4/4): <ul style="list-style-type: none"> • Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 1 • Community Control Filters (4/5): • Community Benefit: 1 • Cultural Capacity: Protection: 1 • Community Activities as Social Transformation Tool • Sustainable Development: 1 • Dignity & Empowerment: 0 Resilience Capacities (3/4): <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • • Transformative: 1 • Generative: 0
					Total Score: 11/13

Case Study	Source & Empirical Data	Description	Critical Success	CIRF	CIRF Score
			Factors	Framework	Analysis
				Validation	
Brazilian Favela Entrepreneurship Ecosystem	Lyra, E. & Gerando Falcões (2022). Transforming Favelas: Digital Economy Integration. Global Citizen.	Favela residents generating R\$38.6 billion annually in commercial activity (65% middle class), with digital transformation initiatives and entrepreneurship education programs.	<ul style="list-style-type: none"> Digital economy integration Entrepreneurship education focus Community leader development Youth empowerment programs Private sector bridge building 	Economic Value Creation: Social Empowerment: Transformative Capacity: Community Control: Resilience Capacities (4/4):	Operational Pillars (4/4): • Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 1 Control Filters (5/5): • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 1 • Dignity & Empowerment: 1 Resilience Capacities (4/4): • Protective: 1 • Adaptive: 1 • • Transformative: 1 • Generative: 1
					Total Score: 13/13

LONGITUDINAL DATA AND QUANTITATIVE ANALYSIS

Case Study	Source & Empirical Data	Description	Critical	CIRF	CIRF Score
			Success	Framework	Analysis
			Factors	Validation	
Venezuelan Entrepreneurship in Colombia (2015-2022)	Bahar, D., Cowgill, B. & Guzman, J. (2023).	Comprehensive 8-year longitudinal study showing Venezuelan-owned business registry analysis covering 2M Venezuelan immigrants.	<ul style="list-style-type: none"> Long-term business sustainability Higher initial capitalization Equal survival rates to local firms over 2-3 years. Economic integration measurement Quantitative performance tracking 	Economic Value Creation: Adaptive Capacity: Sustainable Development: Community Benefit: Community Benefit: Resilience Capacities:	Operational Pillars (4/4): Pillars (4/4): • Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 1 Community Control Filters (4/5): • Community Benefit: 1 • Cultural Protection: 1 • Community Benefit: 1 Relevance: 1 Measurable economic contribution over 8 years • Sustainable Development: 1 • Dignity & Empowerment: 0 Resilience Capacities (4/4): • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 1 Total Score: 12/13
Syrian Refugee Business Impact	SPARK (2021). COVID-19	Longitudinal study of 271 Syrian	<ul style="list-style-type: none"> Comprehensive 	Economic Value Creation:	Operational Pillars (3/4):

Case Study	Source & Data	Description	Critical	CIRF	CIRF Score
			Success Factors	Framework	Analysis
				Validation	
Study (2019-2021)	Impact on Syrian Refugee Businesses: One Year Longitudinal Study.	founders showing 87.4% negative COVID impact, with detailed financial and operational data over 2-year period.	impact measurement • Financial performance tracking • Crisis resilience assessment • Multi-country comparison • Business type differentiation	Detailed revenue and employment impact data Protective Capacity: Crisis resilience measurement over time Adaptive Capacity: Business adaptation strategies during pandemic Sustainable Development: Long-term sustainability assessment	• Economic Value Creation: 1 • Cultural Integrity: 1 • Adaptability: 1 • Social Empowerment: 0 Community Control Filters (3/5): • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 0 • Dignity & Empowerment: 0 Resilience Capacities (3/4): • Protective: 1 • Adaptive: 1 • Transformative: 0 • Generative: 1 Total Score: 9/13

KEY FINDINGS AND PATTERNS

Success Factors for Marginalized Communities:

- Cultural Asset Monetization:** Successful cases leverage cultural heritage, skills, and practices as business assets

2. **Community-Led Governance:** Higher success rates with community control and decision-making
3. **Adaptive Capacity:** Ability to navigate challenging contexts while maintaining cultural integrity
4. **Network Support:** Strong diaspora, community, or institutional support networks
5. **Digital Integration:** Successful adoption of technology for market expansion and efficiency

Common Failure Patterns:

1. **External Control:** Projects dominated by external actors with limited community participation
2. **Cultural Disconnection:** Loss of cultural authenticity in pursuit of commercialization
3. **Institutional Barriers:** Regulatory, financial, and bureaucratic obstacles
4. **Crisis Vulnerability:** Lack of protective mechanisms during economic or political crises

Highest-Performing Cases (12-13/13 CIRF Score):

- **Brazilian Favela Entrepreneurship Ecosystem (13/13):** Perfect integration of all CIRF components
- **Venezuelan Refugee Entrepreneurship Colombia (12/13):** Strong economic impact with cultural preservation
- **Venezuelan Entrepreneurship Longitudinal Study (12/13):** Quantified long-term success

Research Methodology Improvements:

- **Longitudinal Studies:** 8-year Venezuelan study provides model for long-term impact assessment
- **Quantitative Metrics:** Specific financial data (R\$38.6B, \$529.1M, 10-20% higher capitalization)
- **Multi-Method Approaches:** Combination of surveys, interviews, and registry data analysis
- **Crisis Impact Analysis:** COVID-19 studies provide insight into protective capacity measurement

This data significantly addresses the identified gaps in refugee entrepreneurship, Roma community representation, post-conflict contexts, urban marginalized communities, and longitudinal quantitative analysis, providing a more comprehensive understanding of cultural entrepreneurship in diverse challenging contexts.