

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 Validation	CIRF Score Analysis
Syrian Refugee Cultural Enterprises (Jordan/Lebanon)	Sidło, K. & Al-Jafari, M. (2019). Social Entrepreneurs' Responses to Refugee Crisis. FEMISE Report FEM44-12.	Syrian refugees developing cultural businesses (food, crafts, services) with 87.4% 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	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): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• Sustainable Development: 0• Dignity & Empowerment: 0 Resilience Capacities (3/4): <ul style="list-style-type: none">• Protective: 1• Adaptive: 1• Transformative: 1

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
					• Generative: 0 Total Score: 9/13
Venezuelan Refugee Entrepreneurship (Colombia)	Bahar, D., Cowgill, B. & Guzman, J. (2023). Refugee Entrepreneurship: Venezuelans in Colombia. AEA Papers & Proceedings.	Venezuelan refugees creating businesses with 10-20% higher capitalization than local firms, generating \$529.1M economic impact in 2022, with 50% running own businesses.	• Higher business capitalization • Cultural adaptation strategies • Community diaspora networks • Government support programs • Entrepreneurship training initiatives	Economic Value Creation: \$529.1M economic impact and higher business survival rates Social Empowerment: 50% of refugees running own businesses Adaptive Capacity: Successful integration into Colombian business environment Community Control: Venezuelan diaspora-led support networks	Operational 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 Relevance: 1 • Sustainable Development: 1 • Dignity & Empowerment: 0 Resilience Capacities (4/4): • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 1 Total Score: 12/13

ROMA/ROMANI COMMUNITIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
Lithuanian Roma Women Entrepreneurship	Council of Europe (2023). Roma Integration House 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: Traditional Roma costume-making and embroidery preserved Social Empowerment: Roma women's leadership challenging stereotypes Dignity & Empowerment: Non-stereotypical community role development Community Relevance: Roma culture as inspirational business resource	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 (4/5): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• Sustainable Development: 0 <ul style="list-style-type: none">• Dignity & Empowerment: 1 Resilience Capacities (3/4): <ul style="list-style-type: none">• Protective: 1• Adaptive: 1• Transformative: 1• Generative: 0 Total Score: 10/13

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
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 integration• Economic empowerment approach• 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	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): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• 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

POST-CONFLICT SOCIETIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
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 business ethics• Cultural value integration• Conflict adaptation strategies• Religious identity as empowerment• Community support networks	Cultural Integrity: Integration of Islamic cultural values in business operations Social Empowerment: Women's entrepreneurship despite patriarchal constraints Protective Capacity: Protection of business operations during conflict Dignity & Empowerment: Religious identity as source of entrepreneurial empowerment	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): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• Sustainable Development: 0• Dignity & Empowerment: 0 Resilience Capacities (3/4): <ul style="list-style-type: none">• Protective: 1• Adaptive: 1• Transformative: 1• Generative: 0 Total Score: 9/13

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score 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 reconstruction focus• Community healing integration• International support mechanisms• Archaeological site protection• Cultural identity restoration	Cultural Protection: Attempts at cultural heritage preservation and reconstruction Transformative Capacity: Post-conflict cultural healing approaches Community Relevance: Cultural identity central to community reconstruction Protective Capacity: Protection of remaining cultural assets	Operational Pillars (2/4): <ul style="list-style-type: none">• Economic Value Creation: 0• Cultural Integrity: 1• Adaptability: 1• Social Empowerment: 0 Community Control Filters (2/5): <ul style="list-style-type: none">• Community Benefit: 0• Cultural Protection: 1• Community Relevance: 1• Sustainable Development: 0• Dignity & Empowerment: 0 Resilience Capacities (2/4): <ul style="list-style-type: none">• Protective: 1• Adaptive: 0• Transformative: 1• 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 Factors	CIRF Framework Validation	CIRF Score 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	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 Resilience Capacities (4/4): • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 1 Total Score: 11/13

URBAN MARGINALIZED COMMUNITIES

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
Mangueira Favela Creative Economy (Brazil)	Schiray, D.M., Carvalho, C.C. & Afonso, R. (2017). Creative Economy as Social Technology: Favela da Mangueira Case Study. Emerald Insight.	17 creative economy initiatives in Mangueira favela developing cultural activities, strengthening social ties, and contributing to local entrepreneurship through family history awareness.	<ul style="list-style-type: none">• Cultural and artistic activity integration• Youth community awareness building• Social tie strengthening• Individual empowerment focus• 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: Cultural activities as social transformation tool	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): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• 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 Factors	CIRF Framework Validation	CIRF Score Analysis
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: R\$38.6 billion annual commercial activity Social Empowerment: Community leader development and youth programs Transformative Capacity: Digital transformation of favela economies Community Control: Community-led development initiatives	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 (5/5): <ul style="list-style-type: none"> • Community Benefit: 1 • Cultural Protection: 1 • Community Relevance: 1 • Sustainable Development: 1 • Dignity & Empowerment: 1 Resilience Capacities (4/4): <ul style="list-style-type: none"> • Protective: 1 • Adaptive: 1 • Transformative: 1 • Generative: 1 Total Score: 13/13

LONGITUDINAL DATA AND QUANTITATIVE ANALYSIS

Case Study	Source & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
Venezuelan Entrepreneurship Colombia (2015-2022)	Bahar, D., Cowgill, B. & Guzman, J. (2023). 8-year business registry analysis covering 2M Venezuelan immigrants.	Comprehensive 8-year longitudinal study showing Venezuelan-owned firms with 10-20% higher capitalization and equal survival rates to local firms over 2-3 years.	<ul style="list-style-type: none">• Long-term business sustainability• Higher initial capitalization strategies• Equal survival rate achievement• Economic integration measurement• Quantitative performance tracking	Economic Value Creation: Quantified higher capitalization and equal survival rates Adaptive Capacity: Successful 2-3 year business survival rates Sustainable Development: Long-term economic integration demonstrated Community Benefit: Measurable economic contribution over 8 years	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): <ul style="list-style-type: none">• Community Benefit: 1• Cultural Protection: 1• Community Relevance: 1• Sustainable Development: 1• Dignity & Empowerment: 0 Resilience Capacities (4/4): <ul style="list-style-type: none">• 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 & Empirical Data	Description	Critical Success Factors	CIRF Framework Validation	CIRF Score Analysis
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:

1. **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.