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Language Resources and Multiethnic Central Asian Economies

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Abstract

The objective of this research is to shed light on the multiethnicity of the Central Asian countries and their language plurality and examine the development of their broadly dispersed and boundary-spanning language capabilities from the economic perspective

This paper reviews and analyses secondary sources and primary data qualitatively.

The findings illustrate that the Central Asian countries possess a notable languageresource base that can serve as a crucial asset in connecting economies via trade and collaboration, i.e. contribute to the national competitiveness

Studies addressing the economic impact of Central Asian language heritage are very limited, this is among the few examinations that link these language assets with economic relations and development

The study points out that regional and minority languages are potentially relevant assets to be considered - beyond cultural heritage - especially regarding international economic and trade relations, not only dominant global business languages. It also suggests that minorities and diasporas are important boundary spanners and connectors across economies with their language and communication resources.

Keywords: Central Asia, language, multiethnic, heritage, minority, diaspora, economy, international trade

Introduction

Central Asian area as an economic context is less well known. However, the Belt and Road Initiative (BRI) has raised interest in the area and its development. BRI is seen as a massive infrastructure project that links Central Asia better to the global economy and increases the mobility and economic activity in the area. In particular, Central Asia is seen as a valued neighbor and partner in building a trade corridor between China and Europe (Dave & Kobayashi, 2018). Furthermore, being part of the former Soviet Union, Central Asia has historically close economic relations with Russia, thus being an essential part of what has been labeled as "greater Eurasia", which spans former Soviet territories, China, Afghanistan, Iran, and India (ibid.) In this setting, the dynamics related to the multiethnic populations of Central Asia play an important but neglected role. In particular, language has usually not been considered as important for economics (Grin & Vaillancourt, 1997), while research shows that, for example, 9% of Switzerland's GDP is generated by its multilingualism (Bel Habib, 2011). This paper reviews the ethnic populations and diasporas and current views on the role of their multilingual resources in the regional economy. Regionalization and globalization set additional importance for addressing ethnic, mobile, and boundary-spanning populations and diasporas, and as the recent Special Issue of Regional Studies illustrates, this is also highly relevant for innovation and economy (see e.g. D'Ambrosio, Montresor, Parrilli & Quatraro, 2019). Language is essential in connecting business actors internationally as it offers layers of cultural, social, and even political understanding for shaping economic relations within and outside organizational settings (e.g. Marschan-Piekkari, Welch & Welch, 1999). Following the work of prominent scholars on language in the organizational and international business context (Harzing & Maznevski, 2002; Marschan-Piekkari, Welch & Welch, 1999) the multilingual people of Central Asia are addressed here as an economic resource and value, an untapped resource for international activities (Newland & Tanaka, 2010).

The Central Asian countries Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan were parts of the Soviet Union and became independent states in 1991. These countries have followed different economic development policies after their

independence. They have faced diverse political and societal challenges, even ethnic cleansing and civil war, but also notable outflows of migration and ethnic complexity. Although the region is often perceived in a simplistic manner, e.g. dominantly Muslim countries, the region represents a rich mosaic of different ethnicities and populations that have distinct cultures, traditions, and languages. This multiethnic nature of these countries represents a valuable asset and social capital for economic and trade relations, especially in terms of rich language resources. Multiethnic- multilingual populations act as boundary spanners and connectors that can communicate and bridge interests across locations (cf. Cross & Prusak, 2002). Both, the role of Central Asian diasporas in linking the landlocked countries to international trade and the role of Asian diasporas in co-developing the Belt and Road project locally are of interest. Furthermore, the research on the central Asian languages often employs political or cultural approaches and focuses on negative aspects, such as oppression through language, while the positive side, the business enabling dimensions of the languages remain underexplored. This study takes a look at the Central Asian language landscape and resource base asking what kind of languages are spoken in the area and how these resources evolve. This understanding is important for educational policies, but also for the economy and society as a whole on the national and regional levels. We contribute to a better understanding of the language richness in the area, specifically to the different ways to approach minority and diaspora language assets as well as languages that may carry historical-political loadedness. For example, prior research has not considered the role of diaspora connectedness and language resources, e.g. for entrepreneurial activities in an adequate manner (Elo & Dana, 2019). We illuminate the potential and richness of the international and intercultural communication that is enabled by the Central Asian language landscape and usage.

Literature Review

Social and language capital are essential assets when communicating, networking, and connecting with trading partners and other markets or venturing internationally (e.g. Coviello, 2006; Dana, 2007). Language is seen as a central

aspect of the research agenda for international business (Tenzer, Terjesen & Harzing, 2017). Typically, dominant languages, such as English, are considered a must-have for any international business, but also regional languages can be assets (CILT, 2006). Especially, the cross-border and international business in the Central Asian economies illustrates a special case, partly due to the Soviet Union footprint in the regional business and partly due to highly diverse language heritage in the area. Diasporas often act as intermediaries and change agents employing their diverse capitals in border-crossing and their multiple embeddedness in cultural, economic, and political settings (Cohen, 2008; De Lange, 2013; Brinkerhoff, 2009, 2016; Elo & Dana, 2019). There is evidence of diasporic ties and entrepreneurial features that allow and foster bridging of institutional divides and diverse voids and create positive economic impact via entrepreneurship and capacity building (Riddle & Brinkerhoff, 2011; Riddle, Hrivnak & Nielsen, 2010; Minto-Coy, Elo, & Chrysostome, 2019). The role of language capabilities and resources that diasporas possess, both in overall communication and in terms of linguistic superdiversityrelated assets, are of economic interest (Sahradyan & Elo, 2018). The language resources of individuals can be seen to aggregate into national-level assets and competitiveness, furthermore, it is important to notice that they are dynamic and mobile resources (Tung, 2008).

Languages can be addressed as overarching resources and they need to be captured more instrumentally in the economic context, as languages can be employed in a hybrid manner and can cross all boundaries (Gaibrois, 2018). There are linguistic plurality and hybridism in Central Asia due to the multiethnic regional context and its history, making it interest and evolving context of rich language resources. Languages are often considered as human capital in the form of bilingual and multilingual competences and abilities that then contribute to the social and economic contexts in which these individuals are embedded and active (see e.g. Brannen, Piekkari & Tietze, 2017; Cohen & Kassis-Henderson, 2017). The types of language "mixes" differ. For example, there are yet limited research findings on the rich Central Asian multilingualism and the respective resource mixes, especially from the business and economic perspective (Ahn & Smagulova, 2016).

Beyond the individual, human capital level, there is also the aggregated level of the languages and their users in the ethnic and regional context. This is particularly relevant as a view to rich multilingual-multiethnic nations. Bahry et al. (2017) present the complex multiethnic language ecology of Central Asia that includes many languages besides each republic's titular languages: Kazakh, Kyrgyz, Tajik, Turkmen, and Uzbek. In their work, they examine multilingualism, languages, and education in the region from pre-Soviet to Soviet and post-Soviet periods while focusing on informal and formal approaches to bi-/multilingualism. Their study points out the post-independence Russian vs. titular language dilemma in language education and overall approach to language policies that are highly relevant for maintaining their communication competences and language diversity (Bahry et al., 2017). The balance between the languages and their role in education, culture, and economy has been debated. The unbalanced situation has led to the elite learning Russian language in e.g. boarding schools and as a consequence losing their bilingualism abilities and at the same time "acquiring an attitude of condescending superiority over rural residents due to their lower proficiency in Russian (Bahry, 2016, p. 7). Historically, the region as part of the historical silk road has benefitted from trading in diverse languages and communicating across cultural boundaries. In particular, the growing trade between China and Central Asia are largely conducted by the multiethnic diasporas of the region, e.g. Uighurs, Uzbek, Dungan, etc. (Bahry, 2016)

In recent decades the language landscape and policies have been under transformations. The Soviet Era added a new dimension of dominant Russian language that became the administrative and commercial language linking all Soviet Union member states (Lähteenmäki & Vanhala-Aniszewski, 2010). After the fall of the Soviet Union, the member states aimed at derussification, thus leaning towards the preservation of local languages and English as a new lingua franca (Pavlenko, 2009). However, Russian, despite losing its official status, is to these days used by various groups of population in the former member states, from government officials and industry to educational facilities (Suleymenova, 2010). This Russophone world outside and inside the previous Soviet Union context

maintains economic ties, often digitally (Morgunova, 2012). The communication is no longer limited to a particular physical space or region, which enables diasporic communication and participation and more intense links to the country of origin. Hence, digital diasporas can efficiently relate and act in shaping the economic ties and activities across cultures (Brinkerhoff, 2009; Hepp, Bozdag & Suna, 2011). However, the plurality and superdiversity as well as the length/generations of diaspora may also inhibit efficient communication forcing partial communication to take place or selecting an adopted common language (Sahradyan & Elo, 2018)

Languages, traditions, and culturally-specific communication schemes have not disappeared despite the internet and digital communication (e.g. Hepp et al., 2011; Brinkerhoff, 2009). However, these layers of communication set new pressures for language asset management and governing cultural-linguistic capital.

The newly established independent states developed language-related policies with multiple aims; for example, there was a need to raise the status of the titular language relative to Russian in the education system, they also kept providing education for proficiency in Russian as a second/foreign language and they increased other foreign language education, like English. These policies illustrate the aim to cherish their bi-and multicultural heritage via education regarding the language as this was perceived as a potential for both nation-building as well as for economic and cultural relations (e.g. Bahry et al., 2017). Since the early policies and modifications in education programs, times have changed and especially many young people perceive higher the potential of English or other western languages than the Russian language. These trends influence the ability of entrepreneurial people to conduct business in the region (e.g. Elo, 2016). This shift in perceptions, if not revisited, leads to a deteriorating level of regional language capabilities and communication.

Methods

This is a qualitative study that reviews and addresses language capabilities and assets in Central Asia by using secondary and primary research data. Here, the

Central Asian region and its diasporas construct the case context (Marschan-Piekkari & Welch, 2004). The data collection is based on previous research literature, academic publications, statistics, and articles, but also on other qualitative materials, such as interviews, observations, recordings, documents, online-sources, and field notes. The first round of analysis reviews the academic and other research literature on Central Asian languages and their employment in and out of the area. After that, the second round of analysis reviews the empirical data collected from Central Asia and Central Asian diasporas and analyses the content related to language. This progressive focusing-approach that systematically addresses the theme by narrowing it down and refining the research focus also of the fieldwork accommodates issues related to socio-cultural behavior, like language (Sinkovics & Alfoldi, 2012). We apply content analysis. The analysis follows the contents in terms of the type of language or mix/hybrid languages, the use of languages, and the entrepreneurial-business context of language use.

Findings and Discussions

The data presents language- and cultural plurality and superdiversity in the language ecology of Central Asia. This is linked to the multi-ethnic populations in the area as well as in the diaspora.

Language usage for governance and economy is an indicator of diverse meanings and purposes. For example, in Uzbekistan, a lack of respect for the state language among Uzbek officials has been pointed out. Although the Uzbek language is the only formal state language since 1995, the government has not been able to increase its status over the Russian language in total. As Russian is more powerful as a language asset, it is no wonder that Tashkent elites get an education in Russianschools in Uzbekistan (Hashimova, 2019). Similar kinds of language employment issues across ethnic populations, generations, and usages are debated in Kyrgyzstan, Tajikistan, and Turkmenistan (e.g. Huskey, 1995; Nourzhanov & Bleuer, 2013). However, these debates have a more political or linguistic nature and they do not engage in the economic meaning of the languages, choices, and usage of languages for entrepreneurship, business, or international or cross-border trade, not to mention the lack of addresses cross-border investment that are carried outusually- using foreign languages.

This study examined the formal and other languages used locally in Central Asian countries. The types of languages identified are presented in Table 1.

Countries	Formal languages	Minority	Languages	Foreign
		languages	used in the	languages in
			diaspora	the country
Kazakhstan	Kazakh language as	German,	Kazakh,	English,
	official, Russian	Ukrainian, Uzbek,	Russian,	German,
	designated as the	Uighur,	German,	also
	"language of interethnic	Russian (as special	Ukrainian,	Chinese,
	communication"	case spoken by 95	Uighur	and Turkish
		percent of the		
		population in		
		2006)		
Kyrgyzstan	Kyrgyz as an official	Russian dominant	Kyrgyz,	English,
	language, Russian as the	minority	Russian, Tajik,	Turkish,
	"language of interethnic	language, Uzbek,	other	Chinese
	communication"	Slavic languages,		
		German, Turkish,		
		Tajik		
Tajikistan	Tajik, similarly as the	Russian, Uzbek,	Tajik, other	English
	others, Russian as the	Buchori	Persian	
	"language of interethnic		language	
	communication"		variants,	
			Russian	
Turkmenistan	Turkmen is the formal	Russian, Uzbek,	Turkmen,	English,
	and the dominant	and other	Uzbek, and	Turkish
	language, Russian as the	languages	other	
	"language of interethnic		languages,	
	communication"		e.g. Turkic	
			languages	

Table 1. Main languages in Central Asian countries

Uzbekistan	Uzbek language, Russian	Russian, Tajik,	Uzbek,	English,
	language (practically	Kazakh,	Russian, Tajik,	German
	formal)	Karakalpak,	Buchori,	
	There is an additional	Buchori	Iranian,	
	region-specific official	(Bukharian, a	Korean,	
	language of	Judeo-Tajik	German	
	Karakalpakstan in the	language),		
	Republic of	Iranian, Korean,		
	Karakalpakstan which is	German		
	part of Uzbekistan			

Thereafter, the study identified the key ethnic populations in the Central Asian countries that are the users and carriers of these languages. The country contexts are analyzed in terms of the populations and language heritages as well as language usage context, which indicates the language diversity in use, see Table 2.

Countries	Major ethnic	Minorities	Language	Communication
	groups		heritage	contexts beyond
				native language
				usage
Kazakhstan	Kazakhs as the	More than 106	Kazakhstan is an	Internal and
	dominant group,	documented	ethnically diverse,	international
	Russian as the	"nationalities"	multiethnic	communication in
	second major	within the state.	country. In	total, especially for
	group	ln 2009, 23.7	ethnocultural and	successful
		percent	linguistic terms it	integration in the
		Russian, 2.1	presents a mosaic	world economy
		percent	of 126 local	and science. A
		Ukrainian, 2.9	languages. Active	language and
		percent Uzbek,	language policy:	cultural program
		1.1 percent	The harmonious	"The Trinity of
		German, 1.4	language policy is	Languages:
		percent Uyghur,	stated in the	Kazakh, Russian
		1.3 Tatars, 0.6	project "The	and English". In
		percent	functioning and	recent years, also

Table 2. Ethnic groups and language diversity employment

		Koreans, and 0.4 percent	development of languages of	Chinese and Turkish languages
		Belarusians.	Kazakhstan for	are growing in
		Between 1989	2011-2020." (art.	importance.
		and 1999, 1.5	555) which	Furthermore,
		million	provides the full-	French is widely
		Russians and	scale functioning	taught in
		500,000	of the state	Kazakhstani
		Germans (more	language as the	schools as part of
		than half the	most important	multilingual
		German	factor for	education and
		population) left	strengthening	Korean is the
		Kazakhstan,	national unity and	language of one of
		causing concern	preserving the	the biggest Kazakh
		over the loss of	languages of all	diasporas.
		technical	ethnic groups	
		expertise	living in	
		provided by	Kazakhstan. In the	
		those groups.	near future, the	
		The diaspora	Kazakh language	
		formation	is expected to be	
		continues until	the language of	
		today.	international	
			communication.	
			(Aksholakova &	
			Ismailova, 2013, 1581)	
Kyrgyzstan	Kyrgyz	The significant	The shaping of	International
1.91-5tun	Ethnic Kyrgyz	minorities in	educational,	communication
	were in mid-	2019 ¹ have been	economic, and	focuses on foreign
	century only 40	Russians (5,5%),	political	relations and
	percent of the	Uzbeks (14,7%),	opportunities in	trade, language as
	population. A	Dungan (1,1%),	the country	an instrument of
	multi-ethnic	Uighurs (0,9%),	through	nation-building.
	state.	Tajiks (0,7%),	language.	Foreign aid and
		Germans (0,1%)	"diglossiathe	development

14 Source http://www.stat.kg/ru/ retrieved 9.8.2020

		and other	asymmetric	programs require
		European and	bilingual	language
		Asian peoples.	condition where	competences too.
		Slavic linguistic	matters of	Family and social
		groups.	importance are	relations,
			the reserve of a	economic and
			'high language'"	business relations.
			(Huskey,1995, p.4)	
			Multilingual	
			education systems	
Tajikistan	Tajik	As of 2010: Tajik	The Tajik	Family and social
		(84%), Uzbek	language often	life,
		(14%), Kyrgyz	refers to Persian	business and
		(0,8%), and	language speakers	international
		Russian (0,5%)	of diverse origins.	trade,
		minorities,	The language of	entrepreneurship
		diverse Persian-	the Tajiks is also	across-borders,
		speaking	called Persian,	foreign aid,
		groups of	Farsi, and Dari in	investment, and
		people.	its variants. Dari	capacity building
			itself has a	
			Pashtun lineage	
			(Nourzhanov &	
			Bleuer, 2013). It	
			also links to the	
			Bukhori language.	
Turkmenistan	Turkmen	Russian, Uzbek,	Turkic languages	Family and social
		and other	form a large	relations, business
		minority	group of diverse	relations and
		groups.	speakers, with	international
			proposed linkages	trade, but also
			to the Altai and	international
			Uralic language	relations,
			families. Turkmen	entrepreneurship,
			populations in	and investments
			neighboring areas	
			without formal	
			acknowledgment,	
			acknowledginent,	

			relations to	
			Azerbaijani, and	
			other languages	
			of similar origin.	
Uzbekistan	Uzbekistan is a	Representatives	Literary Uzbek	Family and social
	multiethnic	of other Turkic-	language belongs	life,
	country. The	speaking people	to the Karluk	business,
	majority of the	also live in	group of the	manufacturing
	population are	Uzbekistan:	Western branch of	and trade,
	Uzbeks (82%).	Kazakhs, Kirghiz	the Turkic	entrepreneurship,
	Anthropologically	(1,4%),	languages.	investment, and
	these are mixed-	Turkmens,	Spoken language	knowledge
	origin people.	Uighurs, and	has many	sharing. Also,
	Uzbeks are the	Tatars (0,7%).	different dialects.	tourism is a
	representatives of	Besides there is	The Uzbek	growing area of
	the southern	a large	language has its	language usage.
	European	community of	profound	
	ethnicity of	Tajiks (4,8%) in	historical link to	
	Central Asian	the republic,	the Tajik	
	Mesopotamia.	who speak the	language, which	
	Uzbek ethnic	Iranian	can be observed in	
	formation was	language2.	phonetics, syntax,	
	heavily influenced	Russian and	and especially in	
	by Mongoloid	Russian-	vocabulary.	
	race (MIFT 2020).	speaking		
		people, the total		
		number of		
		which is about		
		2,6% of the total		
		population of		
		the republic,		
		constitute a		
		significant part		
		of the		
		population.		
		Koreans, Arabs,		

² This figure is debated between 4,7 percent and 30 percent, see more in Cordell, Karl (1998) *Ethnicity and Democratization in the New Europe*, Routledge, ISBN 0415173124, p. 201

	Central Asian	
	Gypsies and	
	Gypsies and Jews, Germans,	
	and many	
	others represent	
	further local	
	minorities.	

The data illustrate a rich set of diverse languages and a usage of languages that cross borders and ethnic boundaries, employs hybrid ways of communication, and has been open for multiculturalism and language pluralism. As a limitation of the research, it can be noted that there are diverse statistics and estimations across time and source, making it hard to produce accurate information. It is also likely that different sources have specific perspectives and data sets that influence the results. We have tried to alleviate these issues by employing multiple data sources.

Conclusion

The newly independent states employed language as an instrument of nationbuilding and language policies as tools to guide and harmonize situations in such multiethnic states, especially, as they were under the Russian influence regarding the ethnic Russian population within the countries. Language heritages in these Central Asian countries were not homogenously given, instead, they have been evolving under their particular historical and political circumstances. For example, in the beginning, Tajikistan introduced a standardized Tajik language as part of its national policy and expanded the reach of the media and formed 'national, political, cultural, and educational institutions' where this language was present. At the same time, Tajik intellectuals gave shape and substance to the Tajik heritage building. Educational institutions throughout Central Asia worked with policies supporting bi- and multilingual language education and society. Similar bi- and multilingual systems were built throughout the Central Asian states, although following diverse sets of aims towards cultural identity, unity, ethnic awareness, knowledge sharing as well as communicating for science and economy (e.g. Nourzhanov & Bleuer, 2013). Interestingly, the ethnic dimension of the multi-lingual society was acknowledged in the form of a national formal language. This was done regardless of the size of the speaker population and not by producing multiple formal national languages, instead, the Russian language typically held the position of the next most important language with a special status. This deviates from the Baltic response to the independence that created more exclusive policies for Russian-speakers (Järve, 2002). Despite the special status and role of the Russian language, many Central Asian countries have had outflows of skilled migrants, who are often Russian speaking. This has led to brain drain and economic vulnerabilities. Hence, language policies and capabilities gained importance.

The Central Asian idea of the language-related policymaking did not fully capture the ethnic sensitivities, cultural-linguistic capitals, or the full potential embedded in these multiple cultural and linguistic groups. These groups, e.g. Turkmen speakers, can per se connect in their own linguistic regions across borders. Such ability represents a form of capacity and an economically useful resource-base. Turkic languages' speakers stretch from Eastern Europe via Eurasia to North and East Asia. Hence, diverse people, like Tatars, Turkmens, or Azerbaijani may link through this language heritage. Many Bukharians from Uzbekistan can connect with Tajik, Persian speakers, Russian and Uzbek speakers as well as Hebrew speakers (Elo, 2016). These groups of people possess atypical but regionally highly relevant linguistic assets that can serve the economy and cross-border and international trade. The role of the minority languages could have been more instrumental for business and entrepreneurship if different policies had been developed early on. Even titular languages were not developed to their full potential in society and economy (Huskey, 1995).

The English language is considered as the prospective language of international trade with Central Asian countries, especially in light of the gradual transfer to Latin script in countries, such as Uzbekistan and Kazakhstan (Molodov, 2017). Especially among the youth, the English language has gained dominance over the Russian language, partly due to the global internalization and youth culture (Molodov,

2017). However, in terms of regional and international trade, the role of the Russian language has been and remains crucial as the instrument of interethnic communication and cross-border activities. It also serves as a language of Eurasian knowledge development and dissemination that is highly relevant for the economies. Furthermore, the example of Central Asian countries illustrates that it is not only English that is crucial for international business as regional economic powers such as Russia or China can also be considerable options in terms of their languages. It is interesting to notice that Russian is a very central common language connecting the post-Soviet diasporas around the world and hence an important asset for international business and trade relations. The German language resources could also be seen as a potential niche language for the future and the more connected trade and economy. Finally, it is highly interesting that despite the relatively young age of the independent states, the inherent economic and political turmoil following the collapse of the Soviet system, even civil wars, there has been a rather accommodating policy approach for language; bi- and multilingualism and citizenship building on multiethnicity in the Central Asian region. Such an accommodating and inclusive approach could be further cultivated to empower and develop diversity into an economic asset and forms of capacity building.

The next challenge relates to the development of the Belt and Road initiative and the accommodation of the new linguistic and cultural issues that follow such a massive project and the resulting business operations. The "interethnic" communication needs to be considered in a sustainable and locally legitimate manner that embraces the cultural diversity of the region, hence, research partnerships (see United Nations' sustainable development goals) can be useful in developing new and inclusive policies for language education and employment. Additionally, future research should examine how the potential of the Central Asian diasporas across the world could be engaged to advance, co-develop, and internationalize Central Asian entrepreneurship and business.

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