

## Supplementary material to the article for Urban Planning

**Table 3a-d: Typical cases of adaptive reuse by or related to the creative sector mentioned in the text, by periods. Source: Own compilation building on project websites, own observations**

Period 1	ufaFabrik	Mehringhof	Osloer Straße factory	Regenbogenfabrik
Predecessor	Film laboratory until 1956	Type-foundry	Engineering works until 1977	Saw mill, vacancy
Origin	1979	1979/82	1979	1981
Initiation	Squatters legalized in 1980	Property acquisition	Rented out by public developer to avoid squatting	Squatting, legalized in 1984
Organizational form	Non-profit association	Private limited company, no public funding	Non-profit associations	Cooperative
Form of tenancy	Municipal ownership, rental contract	Ownership, tenants in the alternative culture sector	Non-profit trustee as landlord	Owned by municipality, leasehold for 30 years since 2012
Type	Sociocultural center	Sociocultural center	Sociocultural center	Sociocultural center
Important uses	Workshops, theatres, apartments, education, gastronomy	Theatre, social and educational projects, workshops	Workshops, social initiatives, education, museum	workshops, cinema, kindergarten, hostel, cafe
Website	ufafabrik.de	mehringhof.de	fabrik-osloer-strasse.de	regenbogenfabrik.de
Map entry	1.1	1.2	1.3	1.4

Period 2	Pfefferberg	Arena	Kulturbrauerei	RAW
Predecessor	Brewery until WWI, various factories	Bus yard until 1993	Brewery until 1967, discotheque	Railway repair workshop until 1995
Origin	1990/99	1995	1996	1999
Initiation	Property acquisition by non-profit association, supported by municipality	Initiated and managed by culturepreneur, insolvency 2010	Development by public trustee TLG	Non-profit association as tenant
Organizational form	Foundation	Owned by municipal land trust, leasehold by non-profit association	PLC	Owned by private developers after series of land sales
Form of tenancy	Various leaseholders, not-for-profit PLCs	Managed by PLC	Not-for-profit PLC as landlord, supported municipality to overcome insolvency	Individual tenancy contracts with users
Type	Sociocultural center	Cultural center	Commercial cultural center	Cultural center and entertainment hub
Important uses	Artist studios, museum, education, gastronomy	Concert hall, outdoor swimming pool, office space, workshops	Cinema, theater, museum, entertainment, education	Bars, clubs, design studios, social initiatives
Website	pfefferberg.de	arena.berlin	kulturbrauerei.de	raw-east.com

Map entry	2.1	2.2	2.3	2.4
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<b>Period 3</b>	<b>Königstadt Brewery</b>	<b>Backfabrik</b>	<b>ExRotaprint</b>	<b>Malzfabrik</b>
Predecessor	Brewery until 1920s, workshops	Baking factory until 1997	Engineering works until 1989, vacancy, artist workshops	Malthouse until 1996
Origin	1995/2003	2002	2007	2009
Initiation	Acquisition by cooperative	Private acquisition	Non-profit artist association negotiating takeover from municipality	Private acquisition
Organizational form	Cooperative	Private developer	Not-for-profit PLC	PLC
Form of tenancy	Owned by cooperative, individual rental contracts	Owned by PLC	Foundation as landlord, leasehold	Owned by PLC, individual rental contracts
Type	Business park and creative quarter	Commercial creative center	Sociocultural center	Commercial cultural center
Important uses	Workshops, office space, artist workshops	Office space, event space	Artist studios, workshops, education, social initiatives	Office space, workshops, artist workshops
Website	gidak.de	backfabrikberlin.de	exrotaprint.com	malzfabrik.de
Map entry	3.1	3.2	3.3	3.4

<b>Period 4</b>	<b>KINDL Brewery</b>	<b>Bötzow Brewery</b>	<b>Bock brewery</b>	<b>Bärenquell Brewery</b>
Predecessor	Brewery until 2005	Brewery until 1945, partly vacant	Brewery before WWII, business park	Brewery until 1994, vacancy
Origin	2011/16	2011/19 (unfinished)	2015/22 (unfinished)	2021 (unfinished)
Initiation	Property acquisition	Property acquisition	Property acquisition	Series of property sales
Organizational form	Foundation	PLC	Stock company	Private developer
Form of tenancy	Owned and initiated by philanthropists	Owned by hidden champion	Owned by stock company, condominiums, rental apartments	Owned by PLC, individual projects to be developed
Type	Center for contemporary art	Commercial multifunctional quarter	Commercial multifunctional quarter	Commercial cultural center
Important uses	Exhibition space	R&D, design, gastronomy	Apartments, kindergarten, office space, artist studios	Office space, entertainment, retail, creative quarter
Website	kindl-berlin.de	boetzowberlin.de	neuebockbrauerei.de	baerenquell.eu
Map entry	4.1	4.2	4.3	4.4

**Table 4: Architecturally and monumentally outstanding industrial complexes begun before 1945 and the sectoral structural change that has taken place on them since the Second World War. Source: Own compilation based on the mentions in Wörner et al. 2001 \*, Industriekultur Berlin 2024**

Building complex	Typology	Subsequent use	Major transformation period	Share of art/culture	Websites with additional information	Map entry
AEG Apparatewerk	Wilhelminian style complex	Education/Research	1980s	-		
AEG Humboldthain	Inner-city multi-storey factory complex	Education/Research	1980s	-		
AEG Kabelwerk Oberspree	Multi-storey factory complex	Partial demolition, university	1990s	-		
AEG transformer plant	Production hall	Interim cultural uses	2000s	medium	<a href="http://industriesalon.de/das-transformatorenwerk-oberschoeneweide/">industriesalon.de/das-transformatorenwerk-oberschoeneweide/</a> <a href="http://tagesspiegel.de/kultur/peter-barg-kaufte-ein-industriegelände-und-schafft-seitdem-raum-für-kunst-kultur-und-gewerbe-617713.html">tagesspiegel.de/kultur/peter-barg-kaufte-ein-industriegelände-und-schafft-seitdem-raum-für-kunst-kultur-und-gewerbe-617713.html</a>	3.5
AEG Turbine Hall	Production hall	-	-	-		
ARGUS Motoren GmbH	Factory complex	Commercial yard	2010s	-		
BAE Batterien GmbH	Factory complex	-	-	-		
Backfabrik	Inner-city multi-storey factory complex	Creative quarter	2010s	high	<a href="http://backfabrikberlin.de">backfabrikberlin.de</a>	3.1
Bärenquell Brewery	Multi-storey factory complex	Multifunctional quarter	2020s	medium	<a href="http://baerenquell.eu">baerenquell.eu</a>	4.4
Belgium hall Gartenfeld	Production hall	Commercial and creative quarter	2020s	medium	<a href="https://utb-berlin.de/belgienhalle/">https://utb-berlin.de/belgienhalle/</a>	4.5
Beliner Velvet AG	Multi-storey factory	Retail trade	2000s	-		
Bergmann electricity works	Production hall	Warehouses, music industry offices	2010s	medium	<a href="http://vde.com/de/geschichte/karte/berlin/bergmann-elektricitäts-werke">vde.com/de/geschichte/karte/berlin/bergmann-elektricitäts-werke</a>	3.6
Berliner Bürgerbräu Brewery	Multi-storey factory	Living	2020s	-		
BMW motorcycle plant	Production hall	-	-	-		
Borsig works	Production hall	Retail trade	1990s	-		
Bötzow Brewery	Inner-city multi-storey factory complex	Office space, residential	2020s	low	<a href="http://boetzowberlin.de">boetzowberlin.de</a>	4.2
Cable factory Dr. Cassirer	Production hall	Museum depot	2000s	-		
Chemical plant Kanne	Single complex	Demolition	2000s	-		
Courtyards at Südsterne	Wilhelminian style factory	-	-	-		
DKW plant Spandau	Production hall	Retail trade	2010s	-		
Drilling workshop of the gun foundry	Production hall	Office space	2020s	-		
Drum factory	Factory complex	Demolition, retail	2000s	-		
Electrical equipment plant	Inner-city multi-storey factory complex	Office space	1990s	-		
Electromechanics factory	Modern factory in Bauhaus style	-	-	-		
Engelhardt Brewery bottle cellar tower	Production hall	Living	2010s	-		

Eternit AG	Individual buildings	-	-	-		
ExRotaprint	Inner-city factory complex	Creative quarter	2010s	high	exrotaprint.com	3.3
Factory Auergesellschaft	Individual buildings (Nazi era)	- (partly office space)	-	-		
Frister lamp factory	Multi-storey factory	Trade, leisure, culture	1990s	medium	leuchtenfabrik-berlin.de	2.5
Garbaty cigarette factory	Multi-storey factory	Living	2010s	-		
GEMA Köpenick	Multi-storey factory complex	Partial demolition, residential	2020s	-		
German weapons and ammunition factory	Multi-storey factory complex	Archive (partly still in production)	2000s	-		
Geyer-Werke	Inner-city multi-storey factory complex	-	-	-		
Gilette-Roth-Büchner factory	Facctory complex (Nazi era)	-	-	-		
Groterjan malt beer brewery	Historic inner-city factory complex	Office space, partial demolition	2020s	-		
Herbert Lindner machine factory	Modern factory in Bauhaus style	-	-	-		
Knorr-Bremse AG main plant	Inner-city multi-storey factory complex	Offices	1990s	-		
Machine tool factory Loewe	Inner-city multi-storey factory complex	IT company	1990s	-		
Malzfabrik	Inner-city factory complex	Office space, event rooms	2010s	medium	malzfabrik.de	3.4
Mehringhof	Wilhelminian style factory	Socio-cultural center	1980s	medium	mehringhof.de	1.2
Mercedes-Benz Marienfelde plant	Multi-storey factory complex	-	-	-		
Mix&Genest AG	Wilhelminian style factory	Commercial yard	1970s	-		
National automobile company	Multi-storey factory complex	BE-U (multifunctional complex)	2020s	medium	be-u.berlin	4.6
Oberspree cable factory	Multi-storey factory complex	University	2000s	-		
Old mint	Inner-city multi-storey factory	Artist, further use uncertain	2020s	high	2024.alte-muenze-berlin.de	4.7
Orenstein&Koppel AG	Production hall	Trade	2000s	-		
Osram glassworks	Factory building	-	-	-		
Osram Plant B	Wilhelminian style complex	Education/research/retail/offices	1990s	-		
Perfume factory Scherk	Multi-storey factory complex	Education/Research	1970s	-		
Pfefferberg Brewery	Historic inner-city factory complex	Culture	1990s	high	pfefferberg.de	2.1
Royal Fireworks Laboratories	Factory complex	Living	2020s	-		
Royal powder factory	Factory building	Partial demolition	-	-		
Royal Prussian Porcelain Manufactory	Historic inner-city factory complex	-	-	-		

Sarotti factory	Wilhelminian style complex	Commercial yard	2010s	-		
Schaltwerk high-rise	Multi-storey factory	Office space	2000s	-		
Schultheiß Brewery	Inner-city multi-storey factory complex	Cultural brewery	1990s	high	kulturbrauerei.de	2.3
Schultheiß Brewery Moabit	Wilhelminian style complex	Retail trade	2010s	-		
Schwarzkopf plant	Inner-city multi-storey factory complex	Office space	1990s	-		
Stralau glassworks	Production hall	Living	2000s	-		
Telefunken tube factory	Wilhelminian style complex	- (partly office space)	-	-		
ufaFactory	Factory complex	Socio-cultural center	1980s	medium	ufafabrik.de	1.1
Ullstein printing house	Inner-city multi-storey factory complex	Office space	1990s	low	dpmu.de/ullsteinhaus/	2.6
Vehicle factory Dittmann	Production hall	Luxury parking	2010s	-		
Wernerwerk	Inner-city multi-storey factory complex	-	-	-		
Wittler bread factory	Inner-city multi-storey factory	Residential, office space	1980s	-		
Ziehl-Abegg motor plant	Production hall	Event location, studios	1990s	low	motorwerk.de	2.7
Zwietuschwerk	Inner-city multi-storey factory complex	Education/Research	2000s	-		

\* Wörner, M., Mollenschott, D., Hüter, K.-H., & Sigel, P. (2001). *Architekturführer Berlin* (6th ed.). Dietrich Reimer.

**Table 5: Creative locations in the IBA context Kreuzberg. Source: Own compilation based on Senatsverwaltung für Bau- und Wohnungswesen and STERN 1991**

Location	Typology	Origin	Utilization type	Long-term stabilization?
Kuckuck	Wilhelminian style factory	Squatted	Cultural Center	No
Backsteinfabrik	Wilhelminian style factory	Squatted	Residential and cultural center	No
Neighborhood House Oranienstraße 34	Wilhelminian style factory	IBA concept	Intercultural meeting place	Yes
Adalbertstrasse 15	Remises	IBA concept	studios	Yes
Schokoladenfabrik	Wilhelminian style factory	Squatted	Socio-cultural center	Yes
Schlesische Strasse 27	Wilhelminian style backyard complex	IBA concept	Socio-cultural center	Yes
Regenbogenfabrik	Workshops in Wilhelminian backyard	Squatted	Socio-cultural center	Yes

**Table 6: Brewery sites operated until the Second World War. Source: Own compilation building on project websites and wikipedia entries**

	<b>Operating period</b>	<b>Subsequent uses</b>	<b>Cultural interim/after-use</b>	<b>Current status</b>	<b>Role of creative uses</b>	<b>Websites with additional information</b>
Bärenquell Brewery	1882-1994	Partial decay, several failed projects	Southeast district 2020-	Conversion, change of use since 2021	Complex mix of uses with culture	baerenquell.eu
Berliner Bürgerbräu	1869-2010	-	-	Living in the Bürgerbräu quarter from 2024		buergerbraeuquartier.de
Berliner Kindl	1872-2005	Partial sale, retail		Division of the complex	Kindl Center for Contemporary Art	kindl-berlin.de
Berliner-Kindl-Schultheiß-Brauerei Hohenschönhausen	1895-	-	-	-	-	berliner-kindl.de
Böhmische brewery	1868-1978	Partial demolition, office space, hotel, residential	-	Neue Mälzerei, residential development	-	besondere-orte.com/de/historie-historie-der-neuen-maelzerei fhzz.de/das-boehmische-brauhaus
Bottle tower Schaarschuh'sche Brauerei/Engelhardt	1929-1990	Vacancy	-	Living since 2012	-	geschichtspfad-stralau.de/stationen/engelhardt-brauerei
Bötzow Brewery	1865-1945	Fallow land	-	Otto Bock: Research and development	Design and art in the vaulted cellar	boetzowberlin.de
Friedrichshöhe stock brewery	1871-1991	Partial demolition, new cinema building (partial)	Creative House LA54 2008-2014	Refurbishment since 2021	Complex mix of uses with culture	denkmaldatenbank.berlin.de/daobj.php?obj_dok_nr=09085023 la54.de diehäuser.de
Groterjan malt beer brewery	1929-1978	Vacancy, partial demolition	-	Office space, research	-	berlingeschichte.de/lexikon/mitte/b/brauerei_groterjan.htm
Kaiser Brewery	1886-1998	Office space, partial demolition	-	Engelhardt-Höfe	-	emma-fred.de/lexikon/kaiser-brauerei-charlottenburg/
Kulturbrauerei	1871-1967	Retail, sports areas	Mixed cultural use, refurbishment from 1998	Sale to LoneStar 2012	Mixed cultural use	kulturbrauerei.de
Löwen Brewery	1892-1950	Distillery	-	Living	-	
Schöneberg malt factory	1917-1996	-	Club use 2001-2007	Development since 2009	Complex creative rental quarter	malzfabrik.de
Schultheiß Hakenfelde	1897-1992	Residential quarter	-	Mixed uses supplemented until 2004	-	
Schultheiß Moabit	1874-1980	Retail trade	-	Schultheiß-Quartier from 2018	-	schultheissquartier.de

Tivoli Brewery	1862-1993	Living	-	Victoria Quarter	-	friedrichshain-kreuzberg-online.de/index.php/das-viktoria-quartier-gestern-und-heute/
University brewery	1891-1981	German Heart Center, university, retail trade	-	Partial demolition of winery building	-	vlb-berlin.org
Willner wheat beer brewery	1882-1990	-	WBB 2012-2017	unclear	-	bierbereich.de/willner-brauerei/stattreisenberlin.de/stadtuehrungen-berlin/blog/unsichtbar-die-ehemalige-willner-brauerei-in-pankow/

**Table 7: Major sources used for the analysis in the paper**

The documents were used for a reconstruction of case histories and basic content analyses on policy making over time.

Type of source	Important sources/documents	Information used for
Daily newspaper articles	Berliner Morgenpost Berliner Zeitung Der Tagesspiegel die tageszeitung	Background information, general assessment of trends, detailed information for key cases
Parliamentary documentation (PARDOK) Berlin Abgeordnetenhaus	Various parliamentary enquiries and parliamentary motions (D15/3070, D16/0890-0894, D17/3108, D17/14605, D18/2733, D18/17281, D18/25183, D19/1087, D19/16040, D19/16041, D19/16074)	Information on activities by parties and Senate related to funding policies, particularly the provision of studio rooms and coaching activities
Further policy documents and related publications	Der Regierende Bürgermeister von Berlin. Senatskanzlei – Kulturelle Angelegenheiten. (2011). Kulturförderbericht 2011 des Landes Berlin Berlin.	Overview of culture-related policies and funding by the Berlin Senate
	Der Regierende Bürgermeister von Berlin. Senatskanzlei – Kulturelle Angelegenheiten. (2014). Kulturförderbericht 2014 des Landes Berlin Berlin.	Overview of culture-related policies and funding by the Berlin Senate
	Geppert, Kurt et al. (1992). Kultur als Wirtschaftsfaktor in Berlin: eine Studie des Deutschen Instituts für Wirtschaftsforschung DIW im Auftrag der Senatsverwaltung für Kulturelle Angelegenheiten. DIW	Early explicit document commissioned by the Senate of Berlin dealing with economic aspect of culture in the city
	Senat von Berlin (ed.). 1.-35. Bericht zur Stadterneuerung. Berlin (various years since 1964)	Annual reports by responsible Senate Department on funding activities in urban regeneration areas.
	Senat von Berlin. SenWissKult (ed.). (2006). Mitteilung – zur Kenntnisnahme – Eckpunkte für ein kulturpolitisches Gesamtkonzept. Drucksache 15/ 4976. 05.04.2006	Overview of culture-related policies and funding by the Berlin Senate
	Senatsverwaltung für Stadtentwicklung. (ed.) (2006). Kreativräume in der Stadt. Berlin	Policy paper about spatial strategy to brand and strengthen creative clusters in Berlin
	Senatsverwaltung für Stadtentwicklung. (ed.) (2009). Die räumliche Dimension der Kulturwirtschaft. Berlin	Analysis of spatial dimension of cultural economy in Berlin

	Senatsverwaltung für Stadtentwicklung, Umweltschutz und Technologie / IHK Berlin (eds.). (2000). Stadtentwicklungsplan Gewerbe. Berlin	Background information on industrial sites
	Wirtschaftsförderung Bezirk Lichtenberg von Berlin (ed.). (2022). Kreativwirtschaftskarte Lichtenberg. Summarized under <a href="https://stadtundwirtschaft.de/welche-standorte-die-kreativwirtschaft-bevorzugt/">https://stadtundwirtschaft.de/welche-standorte-die-kreativwirtschaft-bevorzugt/</a>	Documenting location patterns under the pressure of increasing land prices
Websites	See tables 3 to 6 (Project websites and Industriekultur Berlin 2024 website)	Background information on cases
	<a href="http://kreativwirtschaft-berlin.de">kreativwirtschaft-berlin.de</a>	Coaching agency

### Map 1 (attached in extra file)

The map shows the major sites in central Berlin discussed in the text and in table 4 (see references to the numbering there). The phases are shown in different colours (see the numbering indicating the phase in which the sites were transformed). Map source: Maximilian Dörrbecker / Creative Commons Attribution-Share Alike 2.0 Generic / Open Street Maps