

ICP-AGIR Cooperation Action Plan for INCHEON (Korea) – BERLIN (Germany)

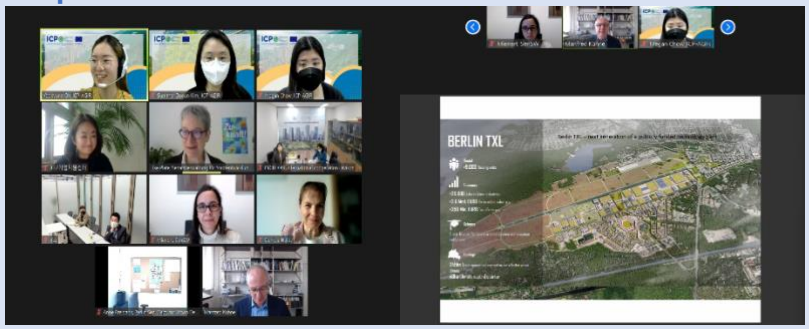
Cooperation Data		
	INCHEON	BERLIN
Departments / Institutions involved	International Cooperation Division	SenSBW
ICP AGIR City Coordinator	Hansol Jeon Official	Daniela Wiedenhaupt Official
ICP AGIR Pairing Manager	Regional Coordinator: Megan Chow (megan.chow@icp-agir.eu) Pairing Manager: Yookyung Oh (yookyung.oh@icp-agir.eu)	
Description of the partnership	<p>The cooperation took off with kick-off meeting on February 10, 2022. Incheon has shared its main focuses (smart city, UAM (Urban Air Mobility), white Biotechnology) with Berlin on February 25. The first online bilateral meeting is planned to be conducted on April 12. The topic of the first bilateral meeting is “Sustainable and Smart Urban Development,” and at the meeting Incheon Metropolitan Government, IFEZ (Incheon free Economic Zone), and Senate Department for Urban Development from Berlin will present.</p> <p>Aside from the main cooperation about smart city and urban development, Incheon and Berlin are also planning to expand the discussion in Airport Region and Urban Air Mobility with Airport Region Berlin Brandenburg and Wirtschaftsförderung Land Brandenburg GmbH (WFBB). WFBB has invited Incheon Metropolitan City to ILA Berlin 2022 and EXPO REAL.</p> <p>Figure 1. A snapshot of the press release of Incheon-Berlin Cooperation</p>	



(<https://www.incheontoday.com/news/articleView.html?idxno=215912>)

On April 12, Incheon and Berlin had a first bilateral meeting via online at 4:30pm (KST). Berlin presented its future urban development plans (UDP Economy 2030, UDP Climate) and Berlin Urban Projects (Berlin Adlershof, Berlin Siemensstadt, Berlin TXL). Followed by the Berlin’s presentation Incheon’s partner organization (IFEZ) presented Incheon’s future vision of smart city expansion and smart city projects including startup fostering centres (Incheon Startup Park, Incheon Smart City Innovation Lab). Since Berlin has profound experience of city regeneration and Incheon is interested in expanding partnership to biotechnology, following bilateral meeting will focus on expanded topics. At the end of the meeting, Berlin and Incheon both cities confirmed that they will conduct study visits on June 13-17 (Incheon to Berlin).

Figure 2. A snapshot of the bilateral meeting of Incheon-Berlin Cooperation



From June 14 to 17, the delegation from Incheon visited Berlin as a first study visit between two cities. Incheon delegates visited

[Tempelhof CityLAB Berlin](#) to learn about Berlin’s new strategies for smart city. On the last day of visit, Berlin delegates paid a visit to Humboldt University and Adlershof (WISTA) to initiate the discussion about cooperation on biotechnology and university exchange. During the Incheon and Berlin study visit, Berlin focused on exchanging strategies and best practices about benefiting people and its citizens. Furthermore, both cities discussed potential cooperation activities including Government employee exchange program, and Bi-Annual forum or conference.

Figure 3. A snapshot of the first study visit in Berlin



On September 7, Berlin and Incheon gathered again via online to share Urban Regeneration projects in Incheon and Berlin and discuss the future plan for the next study visit in Incheon which will be conducted from October 17 to 21. At the meeting, Mr. Yeongmin Son, Senior Manager of Urban Regeneration Policy Team in Incheon Metropolitan Government presented about Incheon’s key strategies in terms of urban renewal and best practices which include Jemulpo renaissance project, Incheon thoroughfare generalization project, and Bupyeong camp market project. From Berlin side, Mr. Manfred Kühne, Head of Department Urban Development and Projects in Senate Department for Urban Development, Building and Housing presented about the background history of Berlin’s urban renewal projects. Followed by Mr. Kühne’s presentation, Mr. Eunsoo Lee, Digital planning bases, spatial information systems from Senate Department for Urban Development, Building and Housing briefly introduced GEO-data platform which includes WoFIS and FIS-broker. And the meeting was ended with the presentation from Mr. Hansol Jeon from Incheon about the study visit program for the upcoming visit.

Figure 4. A snapshot of the bilateral meeting of Incheon-Berlin Cooperation



From October 16 to 20, the delegation from Berlin visited Incheon as a second study visit between two cities. Under the theme of main two cooperation topics which are Smart City and Urban Regeneration, Berlin delegates visited many sites including Incheon Free Economic Zone Authority, Incheon Gongdan Fire Station, Ganghwa Urban Regeneration Site Support Center and Gaehangjang Open Port Area. During the visit, both cities confirmed that they want to continue their cooperation on both main topics in a deeper level. Berlin delegates expressed interest in signing MOU on the theme of Urban Regeneration and Smart City with detailed activity plans including technical visits and jointly hosting 2023 Smart city International Symposium and Berlin-Asia Pacific Week session.

Figure 5. A snapshot of the second study visit in Incheon



Best practices or Challenges identified in the questionnaire		
Topic	Incheon (Republic of Korea)	Berlin (Germany)
Smart City	<p>Smart City Platform:</p> <ul style="list-style-type: none"> → IFEZ Smart City Operation Center – controls three cities' (Yeongjong, Cheongna, Songdo) traffic, Facility Management, Public Wifi, and Crime Prevention. <p>Smart City Innovation Lab:</p> <ul style="list-style-type: none"> → Sustainable Competitiveness as a city platform by 	<p>Technology Park – Berlin Adlershof</p> <ul style="list-style-type: none"> → Field of Technology: Photonics and Optics, Biotechnology and the environment, microsystems and materials, renewable energy, IT and Media. → The Adlershof Technology Park belongs to the top 15 science parks worldwide. It comprises renowned non-university research institutes, six institutes of the Humboldt

	<p>connecting three Platform together with a data: IFEZ Smart City Platform, IFEZ Bigdata – AI Platform, IFEZ Cloud Service Platform</p> <ul style="list-style-type: none"> → Deliver Electric Vehicle advanced recharging, Ocean floating objects collection robot, recycling robot. <p>Incheon Startup Park:</p> <ul style="list-style-type: none"> → Cooperation with US’s Silicon Valley and France's Station-F to build a start-up company. → With these Smart City resources and the Start-up Park. The city believe that it will create job and increase the industrial ecosystem. 	<p>University; about 1,200 companies and organisations and over 24,500 employees with a turnover of around 3.2 billion Euros.</p> <p>BERLIN TXL</p> <ul style="list-style-type: none"> → A space for industrial, commercial, campus place with affordable housing and ecological innovation → Berlin TXL will focus on six urban tech core themes: net-zero energy systems and efficient use of energy; environmentally friendly transportation; clean water; recycling; use of new materials for applications such as sustainable construction; networked control of systems
Sustainable Urban Development	<p>Circular Economy / Urban Regeneration Project</p> <ul style="list-style-type: none"> → Private-led urban regeneration projects are very successful in Incheon; Gaehangro project, and Joyang Textile Café. Privatizing the urban regeneration projects are important in terms or sustainability of the project → To support local economy and develop the town more livable and attractive to new residents, Incheon is operating Ganghwa Urban Regeneration Site Support Center. 	<p>Circular Economy/Smart Building Solution</p> <ul style="list-style-type: none"> → Sustainability & Environment Friendly Development that does promote reuse/circular economy; such as, Reuse the hole area (Big scale) to Smart Building Solution (small scale) <p>Affordable Rents</p> <ul style="list-style-type: none"> → “Living in Berlin” Project → Already started on a Residential Construction project that can contributes to a climate optimism → Use Participation tools displayed by public development projects in order to design sustainable solution in surrounding neighbors
Challenges	<p>Increase citizen engagement</p> <ul style="list-style-type: none"> → Concerning about how to increase the citizen’s engagement and adaptability. → Difficult to increase the involvement from the citizen and promote the new policies or practices to the citizen 	<p>Maximize project efficiency and reduce citizen conflict</p> <ul style="list-style-type: none"> → Cooperate with citizens more smoothly on implementing new projects. → Due to many objects from the citizen group, new projects proposed by Berlin SenSBW often got postponed and delayed construction of new site causes financial damage to the city.

Confirmation of Priority Areas	
Key focus of cooperation themes following the idea generation online workshop	<p>Smart, sustainable urban development with focus on urban regeneration exchange</p> <ul style="list-style-type: none"> • Urban regeneration, focusing on reuse and revitalization of older buildings • Urban regeneration, focusing on revitalization of the city centre (post pandemic, economic recovery, retail, etc.) • Managing and revitalizing free spaces in cities • Citizen engagement for sustainable urban development • Urban regeneration utilizing smart city technology
Short description of main actions and key outputs	<p>Under the theme of Circular Economy, Incheon and Berlin are cooperating on topic of Smart City (Decentralized smart city projects in Incheon and Berlin), Urban Regeneration (Citizen focused urban regeneration), and Research cooperation (Long-term partnership between research institutes).</p> <p>The first action is to find solutions and exchange best practices on sustainable smart city focus on circular economy. Under this action, online meetings, and technical visits will be conducted along with 2023 Smart City International Symposium (October 2023, Incheon) and Berlin-Asia Pacific Week (September 2023, Berlin) which will generate group learning experience and long-term partnership between two cities. As a tangible outcome, video presentation on Incheon-Berlin project will be produced by cities and displayed at the above-mentioned events.</p> <p>The second action is to find solutions on conducting sustainable urban regeneration projects focus on circular economy. Under this action, online technical meetings and visits will be conducted to share and exchange strategic frame focus on urban regeneration. At the final stage of this action, both cities will aim to replicate each urban regeneration projects from the counterpart cities.</p> <p>The third action is to establish cooperation on academic level between Incheon and Berlin. Incheon Global Campus and Humboldt University/Berlin University Alliance will exchange connections and discuss possibility on inviting German University to Incheon via online meetings. This will prolong sustainable partnership between Incheon and Berlin on academic level.</p>
Expected results and benefits	<p>Mutual learning and exchange between government officials from both cities, long-term cooperation</p> <p>Joint participation in conferences/expos would bring exposure and give opportunities for Incheon and Berlin to share their practices abroad</p>

Smart City / Circular Economy - Decentralized smart city projects in Incheon and Berlin	
Counterparts	Incheon Metropolitan City (Smart City Division), IFEZ (Incheon Free Economic Zone) Berlin SenSBW, WISTA (Adlershof project), TMBH (Tegel project)

Objective	<p>Find solution on conducting innovative smart city projects by exchanging digital twin smart city projects and sustainable smart city best practices with a focus on circular economy.</p> <p>Establish long-term cooperation on Smart City theme between two cities</p>
Activities	<p>Signing MOU between Incheon (Smart City Division) and Berlin SenSBW include below activities</p> <ol style="list-style-type: none"> 1. Conduct two online meetings before technical visit to explore the area of cooperation 2. Conduct two technical visits in Incheon and Berlin 3. Jointly hosts 2023 Smart City International Symposium in October 2023 4. Jointly participate Berlin-Asia Pacific Week which will be held in Berlin (Economic Forum) in September 2023
Outcomes	<p>Long term partnership cooperation between Incheon and Berlin on the theme of Smart City</p> <p>Create group learning experience for local authorities on smart city project</p> <p>An ICP-AGIR booth at the Berlin-Asia Pacific Week showcasing the results of the programme for Asia (Incheon-Berlin) with video presentation</p>
Indicators	<p>MOU is signed</p> <p>Number of online meetings</p> <p>Number of technical visits</p> <p>Number of participants for the Symposium</p> <p>Video presentation</p>
Sustainability of the action	<p>The action is intended to cover two years of cooperation, during which further funding and expansion of the activities will be sought.</p>
Time and Resources	<p>Timeline</p> <ul style="list-style-type: none"> • From January 2023-2025 (possibility of renewal every two year) <p>Resources</p> <ul style="list-style-type: none"> • Request for competitive fund: 3000 EUR • Responsible cities can contribute 20,000 EUR <p>Overall Budget Plan</p> <ul style="list-style-type: none"> • Video presentation of ICP-AGIR: 5000 EUR • ICP-AGIR Booth installation cost: 6000 EUR • Technical visit: 12,000 (4 delegates)

Urban Regeneration– Citizen focused urban regeneration: sustainable urban regeneration project with the association with citizen community after the end of public funding	
Counterparts	Incheon Metropolitan City (Urban Regeneration Division), Berlin SenSBW (Urban Regeneration Division), Ganghwa Urban Regeneration Site Support Center (TBD), PlaceLab (Gaehangro Project)
Objective	<p>Find solution on conducting sustainable urban regeneration projects by exchanging best practices on citizen, community engaged urban regeneration projects</p> <p>Establish long-term cooperation on Urban Regeneration theme between two cities</p>
Activities	<p>Signing MOU between Incheon (Urban Regeneration Division) and Berlin (Urban Regeneration Division) include below activities</p> <ol style="list-style-type: none"> 1. Conduct two online technical meetings before technical visit to share and exchange on strategic frame focus on Urban Regeneration 2. Conduct two technical visits in Incheon and Berlin 3. Replicate each urban regeneration projects from cities
Outcomes	<p>Long term partnership cooperation between Incheon and Berlin on the theme of Urban Regeneration</p> <p>Revitalize local economy though conducting mutual learning on the citizen engaged urban regeneration projects and strategic frame on urban development</p>
Indicators	<p>MOU is signed</p> <p>Number of online meetings</p> <p>Number of technical visits</p>
Sustainability of the action	Start with one year of MOU with potential continuation of MOU partnership further
Time and Resources	<p>Timeline</p> <ul style="list-style-type: none"> • From January 2023 to January 2024 <p>Resources</p> <ul style="list-style-type: none"> • Request for competitive fund: 2000 EUR • Responsible cities can contribute 10,000 EUR <p>Overall Budget Plan</p> <ul style="list-style-type: none"> • Technical visit: 12,000 (4 delegates)

Research Cooperation – Establish long term cooperation on research institutes in cities	
Counterparts	Incheon Metropolitan City (International Organization), Berlin SenSBW, Incheon Global Campus, Humboldt University/Berlin University Alliance
Objective	Establishing cooperation on academic level between Incheon and Berlin
Activities	<p>Make the connection between the IGC and Humboldt University/Berlin University Alliance in order to conduct online meetings and discuss the possibility on inviting German University to Incheon</p> <p>Bringing Humboldt University/Berlin University Alliance to Incheon Global Campus</p>
Outcomes	Prolong sustainable partnership between Incheon and Berlin on academic level
Indicators	Meetings taking place exploring the potential academic synergies.
Sustainability of the action	To be decided if the cooperation initiates.
Time and Resources	<p>Timeline</p> <ul style="list-style-type: none"> January 2023-ongoing <p>Resources</p> <ul style="list-style-type: none"> No resources needed

City Partnership Monitoring and Evaluation	
Description	<p>Action 1 (Smart City / Circular Economy - Decentralized smart city projects in Incheon and Berlin):</p> <ul style="list-style-type: none"> Jointly hosts 2023 Smart City International Symposium in October 2023 Jointly participate Berlin-Asia Pacific Week which will be held in Berlin (Economic Forum) in June 2023
Mid-term evaluation	<p>Incheon and Berlin had both online & offline consultation sessions to build concrete plans for Smart City International Symposium and Berlin-Asia Pacific Week.</p> <p>Incheon is in communication with German Embassy in Korea and Berlin to invite speakers from Germany and Berlin for 2023 Smart City International Symposium.</p>

	<p>Berlin is in communication with IFEZ to invite start-ups in Incheon to participate in Berlin-Asia Pacific Week.</p> <p>Incheon and Berlin jointly created a promotional video on their cooperation in March which will be showcased at the Berlin-Asia Pacific Week. The video production was sponsored by European Union.</p>
<p>Final evaluation</p>	<p>2023 Smart City International Symposium will be held in October in Songdo, Incheon, and SenSBW confirmed to participate in this event and help the communication with German Embassy.</p> <p>Berlin-Asia Pacific Week will be held in June in Berlin, and Incheon confirmed to assist inviting Incheon-based start-ups and organizations to participate this event.</p> <p>These two events will further strengthen the relationship between Incheon and Berlin cities and help to establish new connections between corporations and organizations from both cities.</p>