

# 2022

## 12th ADeKo Annual Conference

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 ACADEMISCHES DEUTSCH-KOREANISCHES  
 VERBANDSVERBAND

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 Seoul

**GKEDcenter**  
 Global Knowledge Exchange & Development Center

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# ADeKo Annual Conference <sup>2022</sup>

## Message from ADeKo President

Dear Ladies and Gentlemen,

As a President of ADeKo (Alumni Netzwerk Deutschland-Korea e.V.), I would like to invite you to the Annual Joint Conference between Korea and Germany.

During last year we have been experiencing unexpected and crucial worldwide pandemic with COVID 19. This changed our daily life style drastically and partly damaged personal convenience. As of now pandemic situation is becoming more and more acquainted and alleviated so that we can find a better atmosphere for us to get together.



More than a decade human being is struggling with environmental issues due to abnormal and unexpected climate changes caused by the global warming. Even though we have been establishing many possible countermeasures, it is very hard to get a remarkable result, so it is very much required to know the reason why those measures do not work properly and to find better ways with help of the swarm intelligence.

Recent development of computer technology, internet and communication networks, we are confronted a totally new relationship between personals and social entities. Society is becoming not only complicated but also multi-layer structured. Especially enterprises should be more and more responsible to this complex society because fast changes of business models can make disruptive social relationships and greater discrepancy between regions, races and nations. A long lasting sustainability of the enterprise requires a wider and longer perspective to the future world and human being.

To enjoy a sustainable success of a company, all the enterprise leaders should acknowledge the importance of not only Environment and Society but Governance.

Governance is a transparent management structure which may provide all the members of the stake holding clear vision of their business models. Uncertain and complex mixture of relationship can be derived by various reasons, like personal differences of interest, unbalanced data accessibility, wrong or improper sharing of resources and benefits during operation of complex business processing.

All of these complex issues should be taken to on the table and discussed with every possible intelligentsia. The Joint Conference of ADeKo between Korea and Germany will provide many critical questions and constructive suggestions on the E.S.G Issues.

I hope to see you at the conference in Seoul and have a good luck until we meet,  
with best regards,

Dr. Moon Sik Kwon

President of ADeKo (Alumni Netzwerk Deutschland-Korea e.V.)

# ADeKo Annual Conference <sup>2022</sup>

## Message from German Ambassador to Seoul

I am very pleased that ADeKo is organizing a major conference this year after two years of the Corona pandemic. The ADeKo conferences have always been a place for exciting German-Korean exchange. It is very important that we now get the opportunity to do so again. With ESG, an important and forward-looking topic was chosen for this exchange.

ESG (Environment, Social, Governance investment criteria) has been on everyone's lips for a few years now. More and more companies are recognizing that society expects them to address environmental and

social challenges. At the same time, pressure from governments is also increasing; for example, from 2026, with the Carbon Border Adjustment Mechanism (CBAM), goods imported into the EU will be taxed based on their carbon footprint. High time to act.

ESG offers the opportunity to act on one's own motivation and not to wait for new regulations to dictate the pace from the outside. Those who now deal with ESG and establish sustainable processes in their corporate context make themselves fit for the future.

At the same time, ESG is often used as an empty phrase. ESG then does not serve to overcome the existing challenges, but is merely intended to help companies appear ecologically and socially responsible. We then speak of greenwashing.

The ADeKo conference is not in danger of falling into the greenwashing trap. The topics prepared are too broad. This also makes it possible to look beyond the narrower horizon. A lot of space is also given to the more technical topic of hydrogen. This combination ensures that you have to put butter on the fish and cannot make excuses.

A topic like ESG is worth looking at from different perspectives. One of ADeKo's strengths is that topics can be examined from both a German and a Korean perspective. The conference thus has the potential to make a good contribution to the discussion of and establishment of ESG. I therefore very much welcome the fact that ADeKo has chosen this topic as the leitmotif of its first conference after two years of the Corona pandemic.

I look forward to the conference and hope to meet you there!

Michael Reiffenstuel  
German Ambassador to Seoul





# Advisory Committee

- Dr. Martin Henkelmann **President & CEO of KGCCI**
- Dr. Moon-Sik Kwon **President of ADeKo Honorary Chair**
- Michael Reiffenstuel **Ambassador of German Embassy to Seoul**
- Dr. Hokyong Rhee **Deputy Director of DAAD, Korea**
- Prof. Dr. Wolfgang Schareck **Rector of University of Rostock**

# Organizing Committee

- |                        |                                       |                |                                   |
|------------------------|---------------------------------------|----------------|-----------------------------------|
| Yunki Chung            | ADeKo                                 | Jayoung Na     | DAAD, Korea                       |
| Dr. Alexander Jahn     | FAU LSTME Busan                       | Sunyoung Park  | German Embassy to Seoul           |
| JeongSuk Jeong         | GJTO                                  | Michael Paulus | Rostock International House (RIH) |
| Sunhi Kim              | KGCCI                                 |                | University of Rostock             |
| Yerim Kim              | GKEDC (KDI)                           | Annett Schwarz | German Embassy to Seoul           |
| Prof. Dr. Jaeyoung Lee | ADeKo & GIST Ertl Center <b>Chair</b> | Yong Kyun Shin | ADeKo                             |
| Prof. Dr. Jong Hee Lee | ADeKo & NEC/KDGS                      | Yumi Woo       | ADeKo                             |
| Prof. Dr. Kiyoung Lee  | ADeKo & Inha University               |                |                                   |

# How to Access the Venue: GKEDC (KDI)



**Location :** Hoegi-ro 47, Dongdaemun-gu, Seoul (207, 41 Cheongnyangni-Dong)

**Directions :** <https://www.gkedc.go.kr/guide/visitInfo>

\* This Venue offers free shuttle bus and parking (**free of charge**).



# Programme

22 September 2022 (Thursday)		Mugunghwa Hall
08:30~09:30	Registration	
09:30~09:55	<b>Moderator:</b> Mi Ra Jung (ADeKo)	
	<b>Opening Address:</b> Dr. Moon Sik Kwon, President of ADeKo	
09:55~10:25	<b>Congratulatory address:</b>	
	1. Dr. Martin Henkelmann, President & CEO of KGCCI	
	2. Dr. Klaus Birk, Director of Projects Department, DAAD	
10:25~10:40	3. Prof. Dr. Antonio Delgado, FAU LSTM & LSTME Busan	
	<b>Welcoming Message:</b> Michael Reiffenstuel, Ambassador of German Embassy to Seoul	
10:40~11:20	<b>Opening Speech:</b> Dr. Dong Seon Chang (Curious Brain Lab)	
11:20~12:00	Group Photo & Small Break	
12:00~13:40	<b>Plenary Lecture 1:</b> Prof. Dr. Young Sup Joo (Seoul National University) - ESG as Zeitgeist: Wise Understanding and Strategic Direction	
13:40~15:20	<b>Plenary Lecture 2:</b> Prof. Dr. Wolfgang Schareck (University of Rostock) - Preparing for Governance – The Importance of ESG at the University of Rostock	
15:20~15:50	Lunch	
15:50~17:30	<b>Session Chair:</b> Prof. Dr. Jong Hee Lee (ADeKo & Korean Civic Education Institute for Democracy, National Election Commission)	
	<b>Speakers:</b>	
17:30~17:45	Prof. Dr. Joo Hee Kim (Pukyong National University) - Governance Matters: G in ESG	
	Prof. Dr. Myong Jae Cha (City Commission for Civic Education Yongin) - Developments process of ESG in Korea	
	Prof. Dr. Jörg Michael Dostal (Seoul National University) - What is Hidden in the Matryoska Doll? Considering the 'Environmental, Social, and Corporate Governance' (ESG) Policies of the World Economic Forum (WEF)	
17:30~17:45	<b>Discussants:</b>	
	Henning Effner (Friedrich Ebert Stiftung) Prof. Dr. Tae Kook Jeon (Kangwon National University) Prof. Dr. Chi Won Choi (Korea University) Dr. Yeong Don Choi (KDGS)	
17:30~17:45	Coffee Break	
17:30~17:45	<b>Session Chair:</b> Prof. Dr. Kiyoung Lee (ADeKo & Inha University)	
	<b>Speakers:</b>	
17:30~17:45	Prof. Dr. Christian Franzke (The IBS Center for Climate Physics) - The Socio-Economic Risks of Weather and Climate Extremes	
	Prof. Dr. Hyun Chul Oh (UNIST) - Mitigation of LH2 tank boil-off losses via adsorption of H2 on metal-organic frameworks	
	Dr. Seobiakto Loekman (FAU LSTM Busan) - Development of Novel Hydrogen Storage using Gas Hydrate Technology	
17:30~17:45	Dr. Sang Hoon Kim (KIST) - Catalysts for Carbon Neutrality	
	<b>Closing Remarks:</b> Prof. Dr. Jaeyoung Lee (ADeKo & GIST Ertl Center) - Quo Vadis? ADeKo	



# Conference fee

ADeKo Regular participants	30,000 KRW
Students and retired participants	15,000 KRW

Registration fee includes the book of abstracts, coffee break and lunch

Payment: Bank to bank transfer to ADeKo in KRW

Shinhan Bank, 140-010-382411 (사단법인 한국독일동문네트워크)

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