



KOREA-ISRAEL INDUSTRIAL R&D FOUNDATION

October 2013

What is KORIL-RDF?

Ministry of Trade,
Industry & Energy (MOTIE),
Korea

Ministry of Economy
(MoE), Israel



A public, non-profit organization
established in 2001 and financed fully by
the governments of Korea
and Israel in order to administer the
joint R&D fund and concurrent projects

Mission & Background



- KORIL-RDF was established as a joint venture of the Israeli Ministry of Economy (formerly Industry, Trade, & Labor) and the Korean Ministry of Trade, Industry, & Energy (formerly Knowledge Economy)
- Its mission is to bring about the economic growth of the two economies by means of
 - Creation of technological joint-ventures
 - Support of collaborative projects

Objectives



**Growth Generation
for Korea & Israel
through
R&D cooperation**

**Establish a collaboration system
between two technologically-
advanced countries**

support R&D partnerships

enable joint-venture projects

Fund History:



- 1998: The MoU was signed between Israel & Korea for Private-Sector Industrial R&D Cooperation
- 2001: KORIL-RDF was incorporated and funded jointly by the two Governments
- 2001-2004: The First Fund, a total of US\$6,000,000 over three years
- 2004: The Governments agreed to enlarge the Fund to a total of US\$ 9,000,000 over three years
- 2004-2007: The Second Fund
- 2007-2010: The Third Fund
- 2010-2013: The Fourth Fund
- 2013: The governments enlarged the Fund to a total of US\$ 12,000,000 over three years

Success = Growth



Increased awareness of mutual benefit

Increased awareness of Fund

Increased demand in both countries

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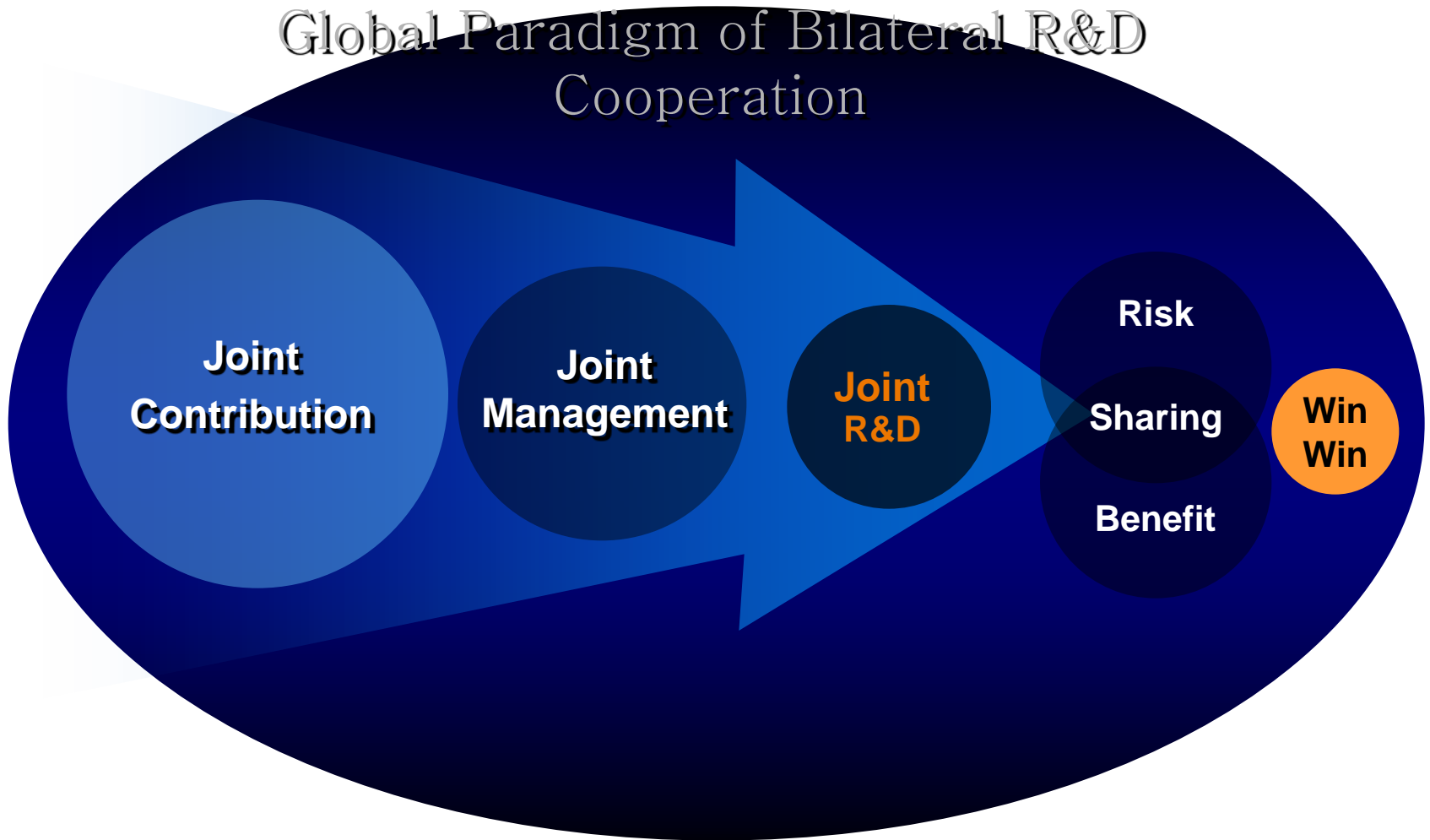
Enlarged authorized project size

&

Enlarged total Fund

Significance of Business

Global Paradigm of Bilateral R&D
Cooperation



HOW DOES IT WORK?



Support:

- **Assistance with technological & strategic partner searches in either country**
- **Assistance with communications between Israel & Korean companies**
- **Financial assistance for joint-venture R&D projects**

Project Criteria:

- **R&D Innovation**
- **Civilian**
- **Commercializable**
- **Open to all technology sectors**

Types of projects



Grant (US\$)	Time length	Project type
US\$ 30 K	3 months	Feasibility Study
US\$ 100K	1 year	Mini Project
US\$ 1million	3 years	Full Scale Project

Project Specifications



Feasibility Study

Preliminary investigations to determine the technical feasibility or market acceptability of a new product. KORIL-RDF may grant up to US\$30,000 as its 50% share of the eligible costs for conducting the feasibility tests.

Mini R&D Project

Joint R&D project where the total recognised R&D cost is not more than US\$200,000 and project duration is less than one year. KORIL-RDF will fund up to 50% of the eligible R&D costs or up to a maximum of US\$100,000, whichever is lower.

Full-Scale R&D Project

Full-scale joint R&D project with unlimited budget. Maximum KORIL-RDF contribution is up to 50% of R&D costs of the approved project capped at US\$1 million. Maximum project duration is three years.



Request for Proposals

- Twice a year for full-scale proposals
- Second proposal round for 2013 is now closed
The proposals will be evaluated & presented for approval at the second Board of Directors meeting of 2013, to take place in Korea in December 2013
- First RFP for 2014 will open immediately following; first BOD for 2014 will take place in Israel in May 2014

Current Status:



24 Funding Approval Rounds

131 Projects Approved

over 200 Proposals Reviewed

Over US\$ 30,000,000 Approved

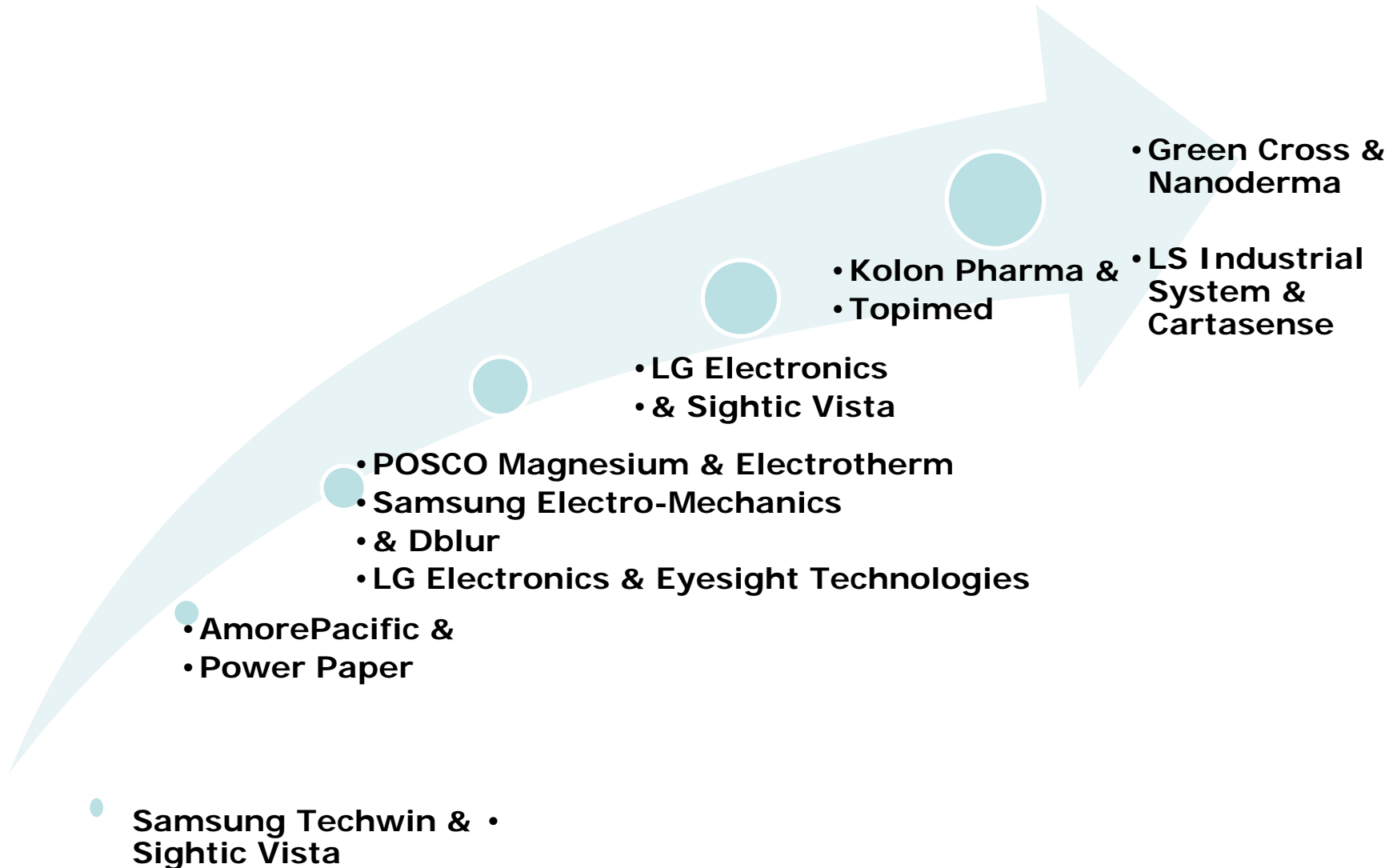




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SUCCESS STORIES

Participation rate of Korean conglomerates in KORIL Projects



Module for Innovative Security Camera with Superior Capabilities

Sightic Vista (Israel, acquired by Broadcomm)
Samsung Techwin (Korea)
Type of Project: Full-scale Project

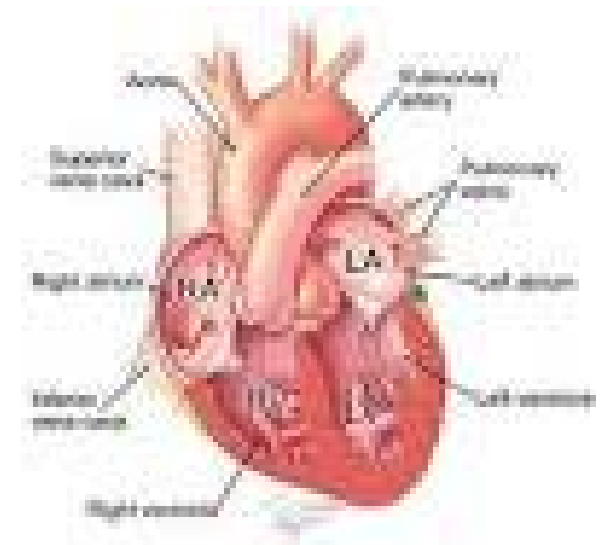


Heart-Assist Pump

IPU Industries (Israel)

PiezoElectric Technology (Korea)

Type of Project: Full-scale project

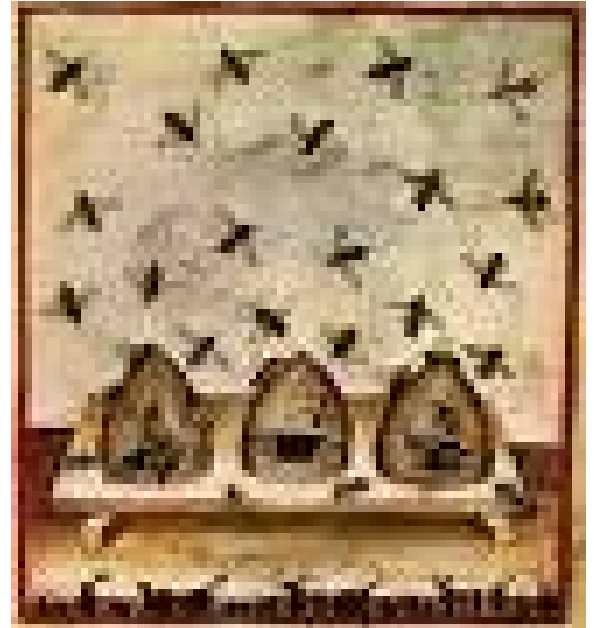


Next Generation Beekeepers Solution

AKOL Anat Keshev)(Israel)

ASN(Korea)

Type of Project: Full-scale project



Fluxless Recycling Technology for Magnesium Alloys

Electrotherm (Israel)

POSCO Magnesium (Korea)

Type of Project: Full-scale project



A Security Intrusion Prevention System Appliance with a Quad Fiber Bypass Networking Card

Silicom (Israel, member of Rad Group)
Expernet (Korea)

Type of Project: Full-scale project



Sensor Detection for Digital Radiography System

RTR (Israel)

DRtech (Korea)

Type of Project: Full-scale project



資源은 有限 創意는 無限

Resources are limited; Creativity is unlimited

건립취지문

제철보국의 사명감으로 영일만의 신화를 창출하고
광양만에서 꽃피워 세계적인 철강기업을 성취한 포스코인들의
숭고한 이념과 불굴의 혼을 보존하고 계승 발전시켜
회사의 새로운 미래를 여는 좌표로 삼고자 역사관을 건립하였습니다

2003년 7월 3일
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