

Experiences with SME Finance and Green financing in Korea

November 15, 2016

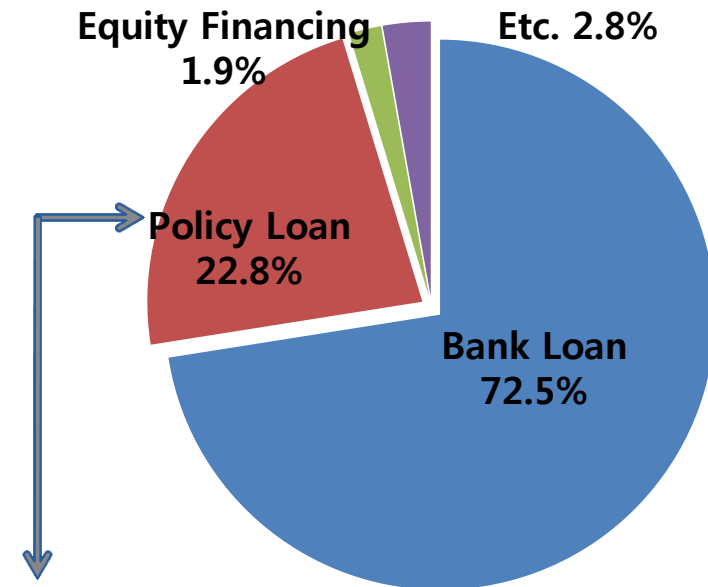
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1. SME Financing Market in Korea

Government lead Korea's SME Financing.

Lending is absolute gravity, 95.3% of funding sources.

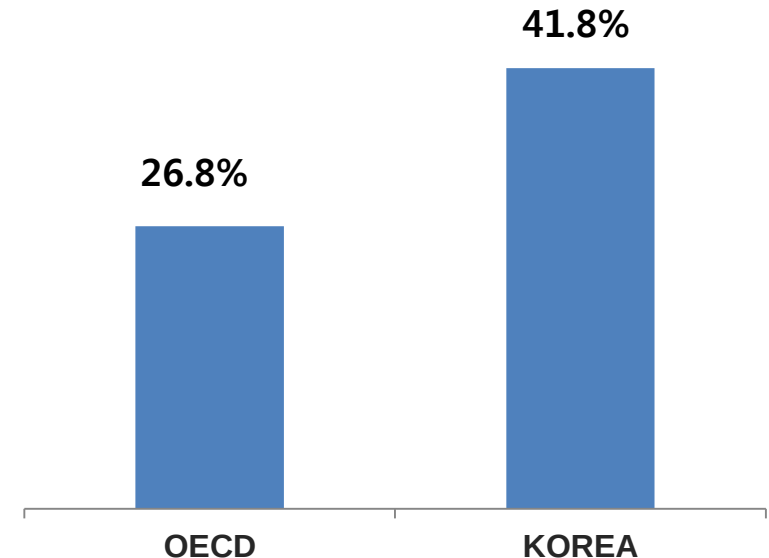
Funding sources of Korean SMEs



Government lending
Credit guarantee
(KCF/KTF/KOREG)

Sources : KBIZ(2013)

SME loan-to-total-loan-ratio



Sources : OECE(2012)

2. SMEs' Funding Support Policies in Korea

Korean Government : Expanding the Frontier of SME Financing.

Public (State-funded) lending

- Provide cheap, long-tenure credit to focused industries
 - Mostly for capital expenditure purposes
- **With funds from the Gov't (or state agencies)**
 - Banks borrow funds from the government and re-lend it to industries (on-lending)

Guarantees

- Enhance SMEs' creditworthiness to facilitate SME lending
- **Guarantee agencies(3)**
 - KODIT
 - KOTEC
 - K-sure
- Funding source
 - Contributions from the Gov't and banks

Mandatory SME loan ratio

- Encourage banks to allocate a certain portion of their lending to SMEs
 - **IBK : 70% + of the outstanding balance**
 - Commercial banks
 - w/ nation-wide network: 45% + of incremental growth
 - w/ limited local network: 60% + of incremental growth

3. Green Finance : How it works

*Underlying concept of “National strategy for Green Growth”,
the role of Green financing sets up and implements by public agencies*

Energy Efficiency sector for SMEs in National strategy for green growth

- **Industry**
 - Energy Management System
 - Soft loan for energy saving facilities & Tax Incentives
 - Energy Services Companies(ESCO)
 - Energy Audit
 - Energy Audit Assistance
 - Investment in energy supplier's Demand-side Management(DSM)
 - Integrated Energy Supply
 - Green Growth Partnership
 - Energy Supporter
 - Negotiation on Energy Use Plan
- **Buildings**
- **Transport**
- **Appliances & Equipment**

Role of Green Financing Under the 5 year plan

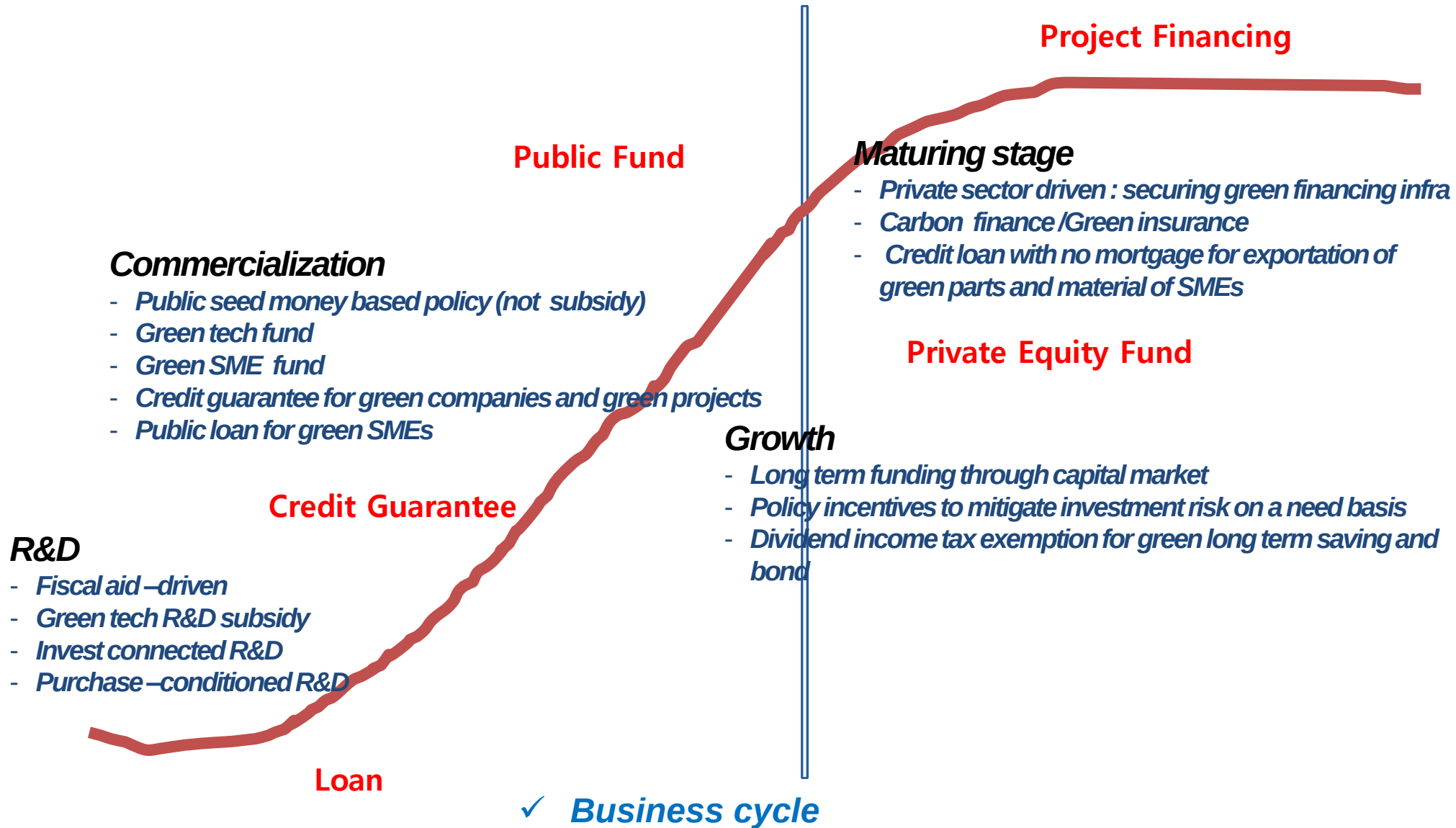
Activating policy finance
for early investment

- **Fostering early Investment in
Green Tech & Industry**
- **Enlarging finance : guarantee,
policy loans, marching funds**
 - KDB, IBK, KEXIM's role
 - Quasi-gov't org's guarantee
 - Private/Public matching fund

Building up Infrastructure
Of Green Finance

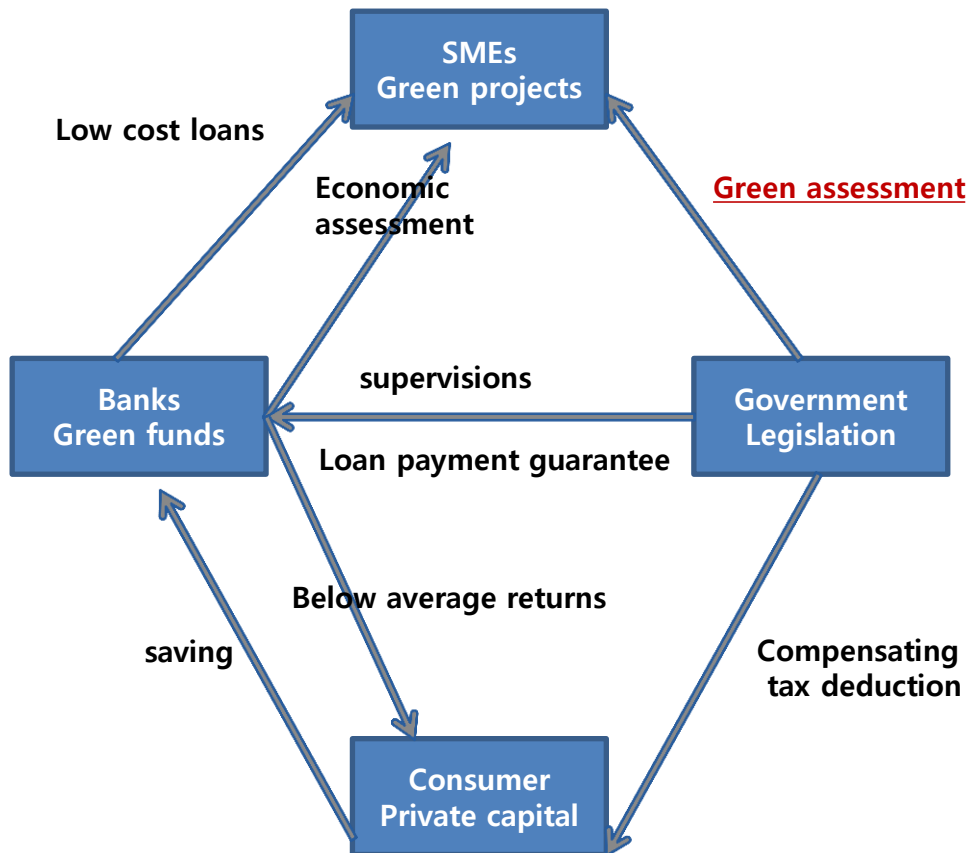
Fostering Carbon Market

4. Green Finance : Growth Stage –wise policy

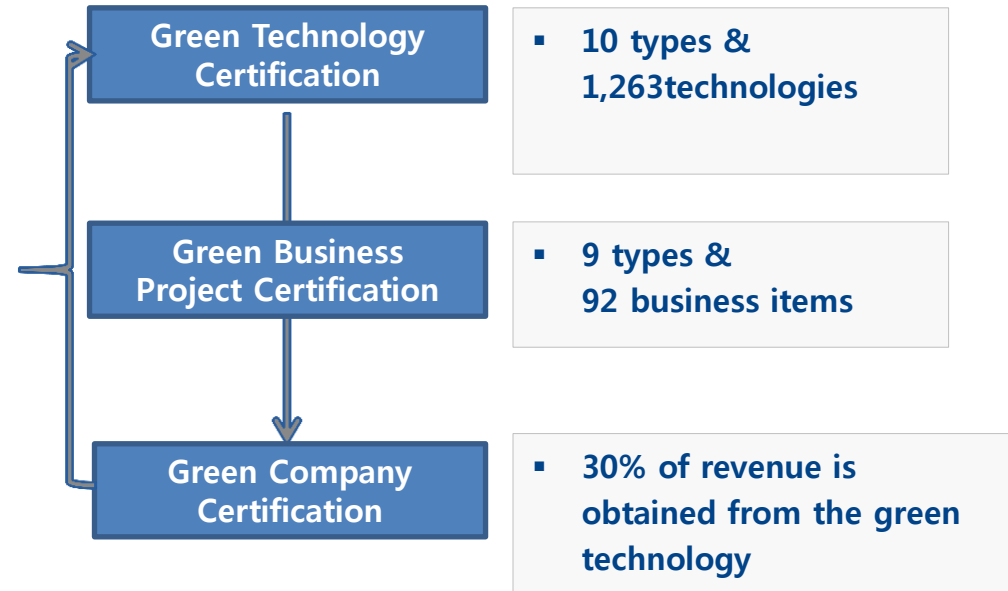


5. Green Assessment : Green Certification

Schematic view of green financing



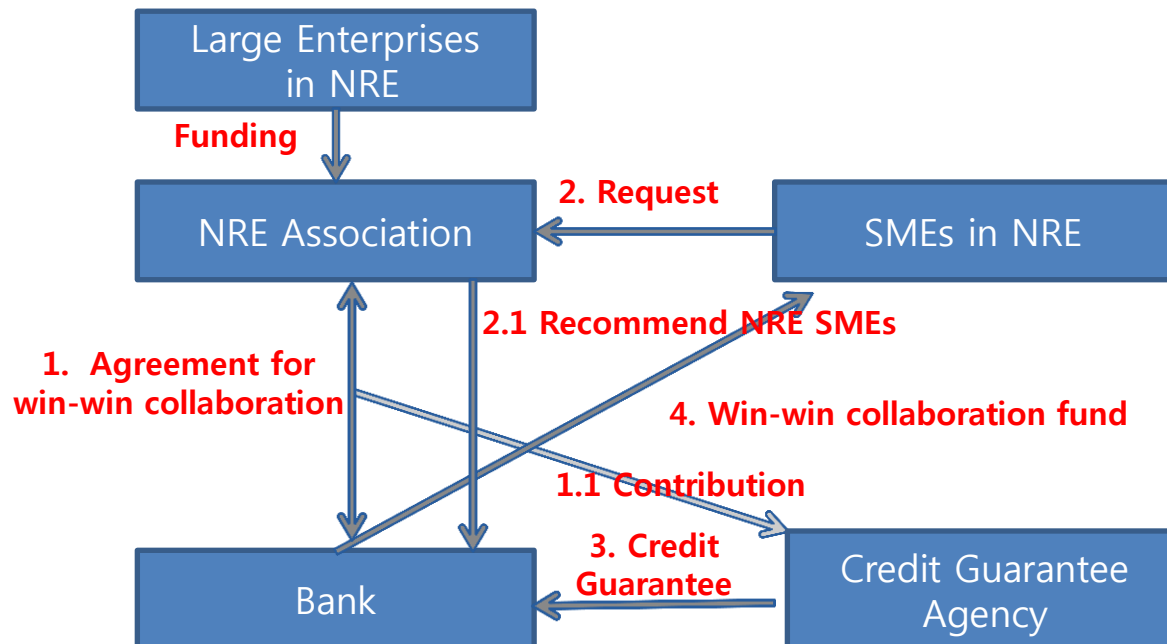
Green Certification in Korea



6. <Case 1 >: NRE win- win collaboration fund



Flow chart of NRE win-win collaboration fund

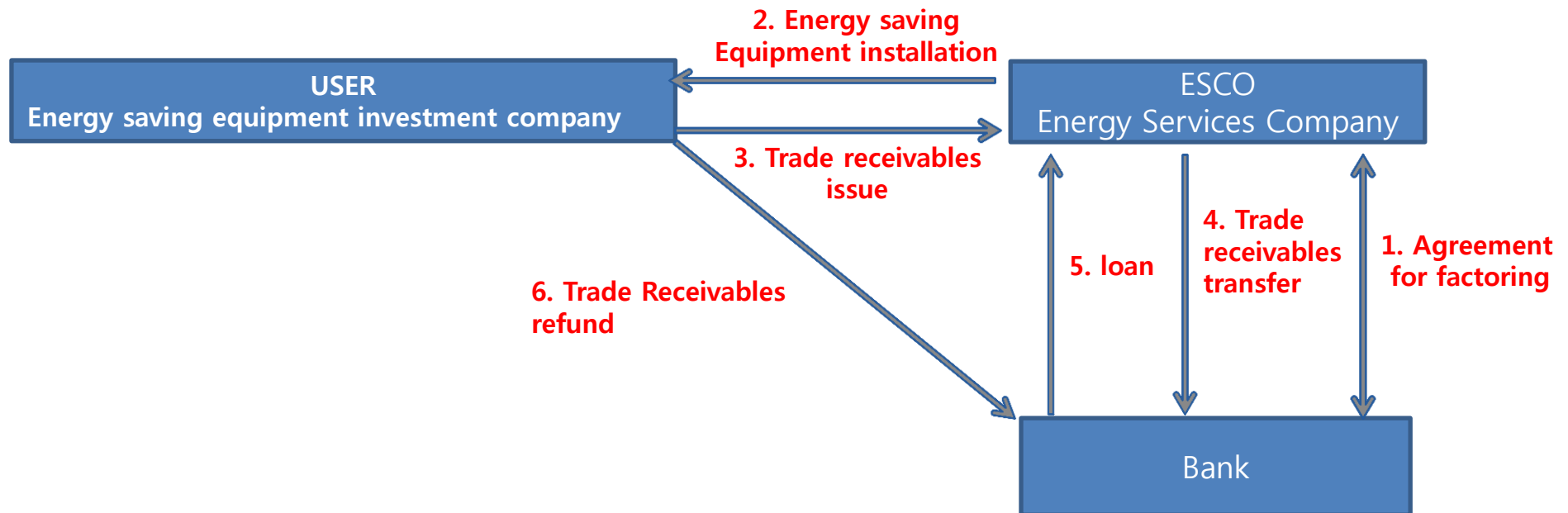


- Open : September 1, 2011
- Guarantee Scale : 1.2 Billion \$
- Target SMEs :NRE manufacturing, facilities, electricity)
- Guarantee limit in 5 years(extension or renewal)
- Limit per SME : within ten million \$

6. <Case 2 >: ESCO Trade Receivables Factoring



Flow chart of ESCO Trade Receivables Factoring



7. Implications(Guiding questions)

- ✓ *G1. EE Financing for SMEs is not significantly different from general SME financing.*
 -  *1 Risk 1 : The degree of development in green industry and green companies*
 -  *2 Risk 2: Commercialization of green tech*
 -  *3 Risk 3: SME itself*
- ✓ *G2. Government's strong support and finance institution's evaluation skill is necessary.*
 -  *1 Foster green industry and green SMEs*
 -  *2 Develop an evaluation system that can be estimated on green tech and business*
- ✓ *G3. EE financing for SMEs starts from understanding the characteristics of SMEs in EE sector.*
 - *Many SMEs produce and supply parts/components for large corporations.*
 -  *1 Utilize green growth partnership between conglomerates and SMEs*
 -  *2 Develop a high-efficiency certified product and industry such as LED*
- ✓ *G4. Robust EE financing of SMEs is essential for an advanced economy.*
 -  *1 Respond to the paradigm shift in the industry : the fourth industrial revolution*
 -  *2 Key factor of SME manufacturing' innovation is energy efficiency : Utilize this trend*

End of Documents