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Outline of J-credit scheme

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Part 0 : J-Credit scheme *at a Glance*

- ✓ Administrated by the Japanese government
- ✓ Plenty types of methodologies (RE, Energy saving, Forest, etc.)
- ✓ Demand for the J-Credits has been increasing year after year.
- ✓ The J-Credits are tradable through auction or negotiated transaction.
- ✓ The Scheme rules follow ISO14064-2. In principle, only ISO14065 holders can be the examining authorities.
- ✓ No double counting permitted.
- ✓ The J-Credits created in renewable energy projects can be reported in CDP questionnaire.



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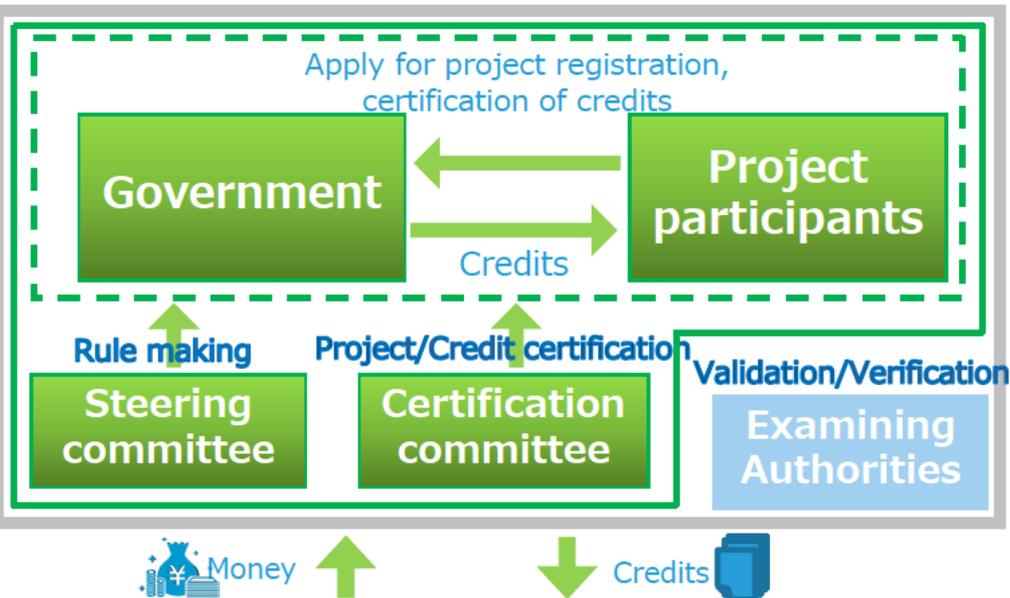


Part 1

**How are the emissions units
generated by your programme,
mechanism or project?**



J-Credit Scheme



J-credit scheme is:

- ✓ Voluntary scheme, but administrated by the Japanese government
- ✓ Applicable to legally compulsory reports
- ✓ The J-Credits created in renewable energy projects can be reported in CDP questionnaire

Users of Credits

Utilize for Act on Promotion of Global Warming Countermeasures

Utilize for voluntary carbon offsetting

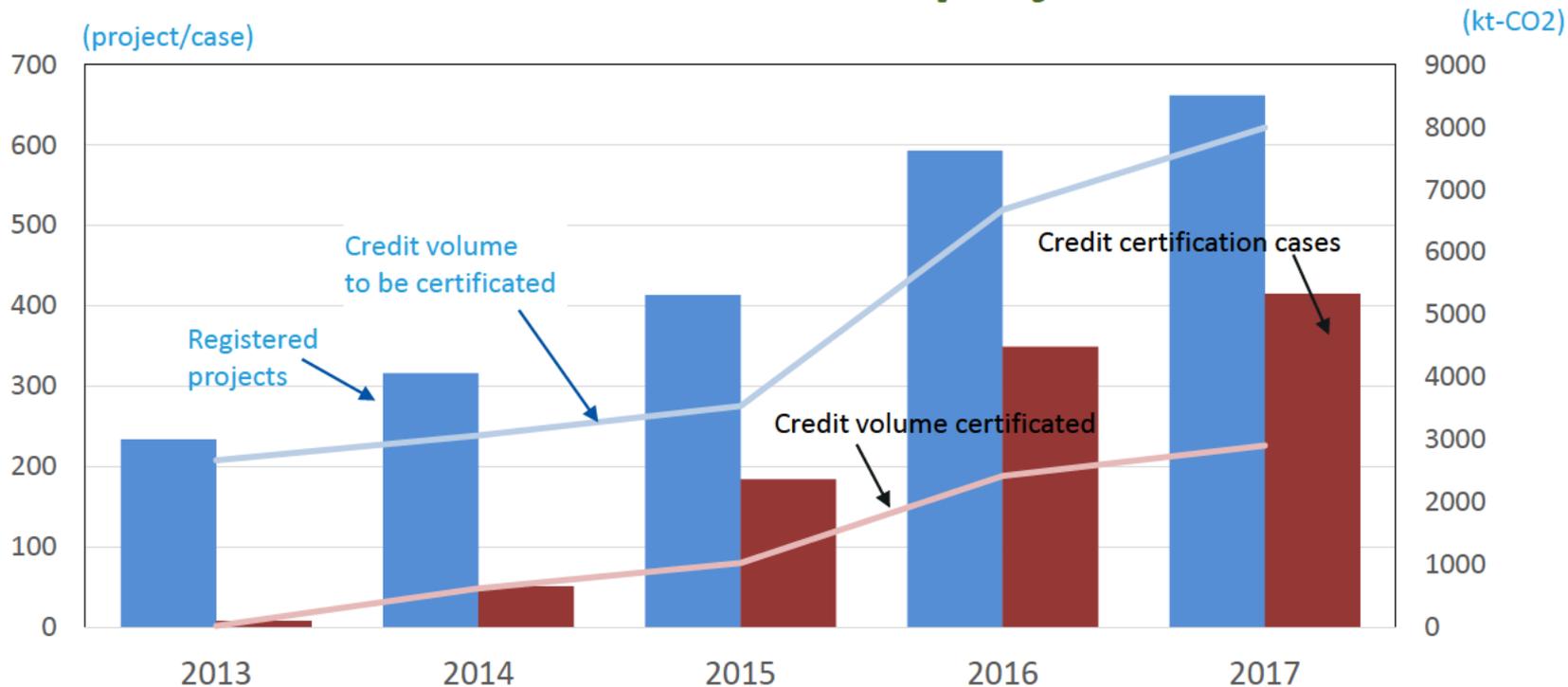
Utilize for "Keidanren's commitment to a low carbon society"

Utilize for Energy Efficiency Act

Utilize for CDP's questionnaire (RE energy based J-credit)



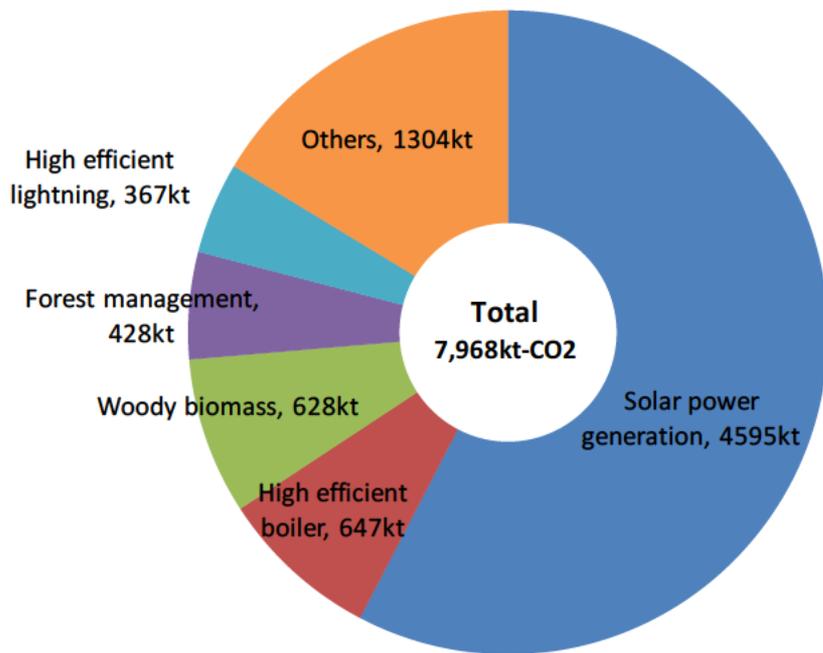
The cumulative stats of the J-Credit projects



“Credit volume to be certified” means the estimated amount of J-Credit to be certified from the registered projects by 2030.



Project types



Estimated emission reduction from registered projects

Methodologies

- ✓ 61 methodologies have been approved as of Oct.2017.
- ✓ Energy saving : 40, Renewable energy : 9, Industrial Processes : 5, Agriculture : 3, Waste : 2, Forest : 2

● Energy (EN)

✓ Energy saving(EN-S)

Reduce energy-related emissions by reducing use of fossil fuel and/or grid electricity

✓ Renewable energy(EN-R)

Reduce energy-related emissions by replacing fossil fuel and/or grid electricity by renewable energy

● Industrial Processes (IN)

Reduce GHG emissions from industrial processes through chemical or physical change

● Agriculture (AG)

Reduce GHG emissions from agricultural sector (livestock, farm land)

● Waste (WA)

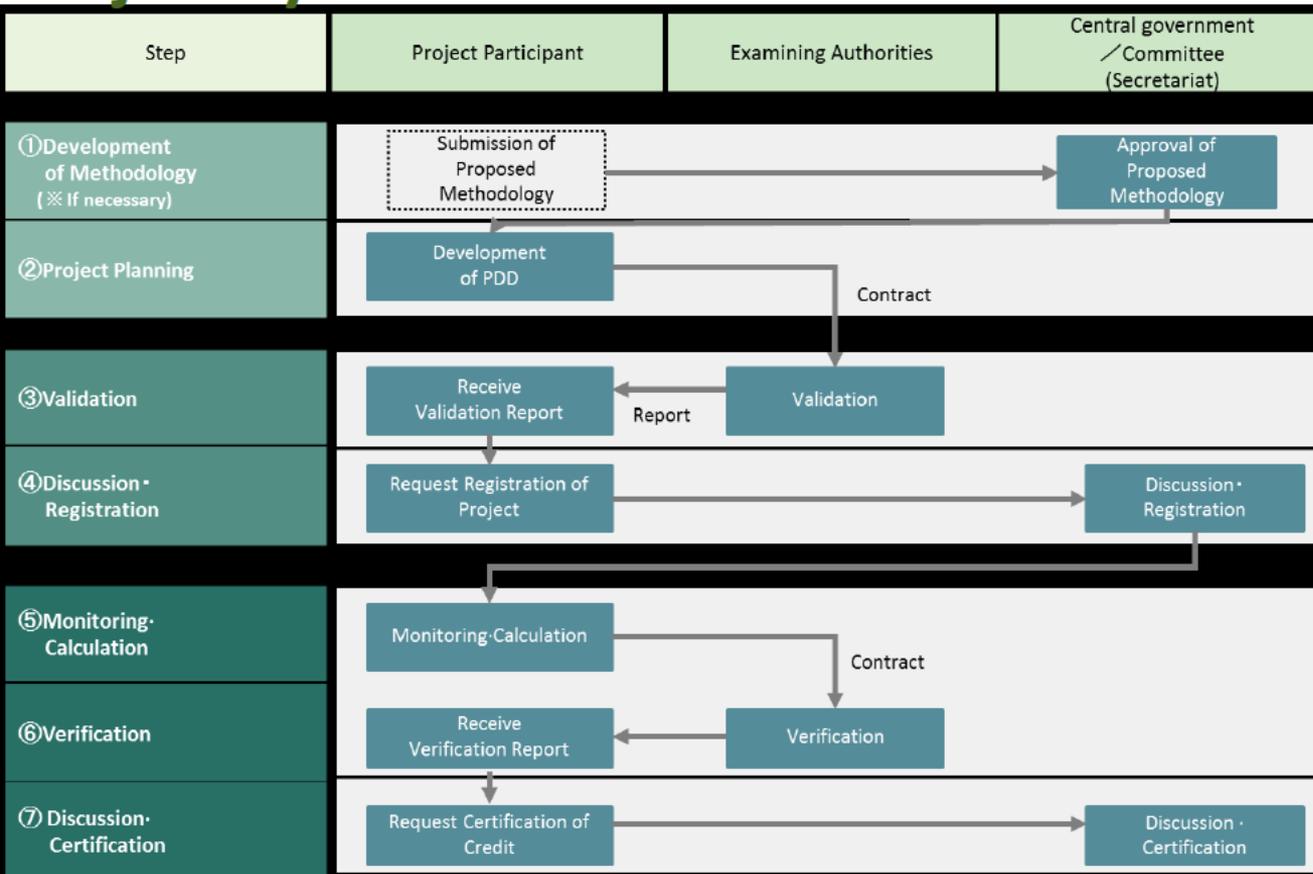
Reduce GHG emissions from waste management

● Forest (FO)

Enhance GHG removals by managing forest sink



Project cycle in the J-Credit scheme



- ✓ Project cycle in the J-Credit scheme **basically follows CDM's cycle.**
- ✓ PDDs and monitoring reports are required to be validated and verified by examining authorities. In principle, only **ISO14065 holders** can be the authorities.
- ✓ Validation of the PDD and verification of the monitoring reports are necessary for every projects to have the credit issued.

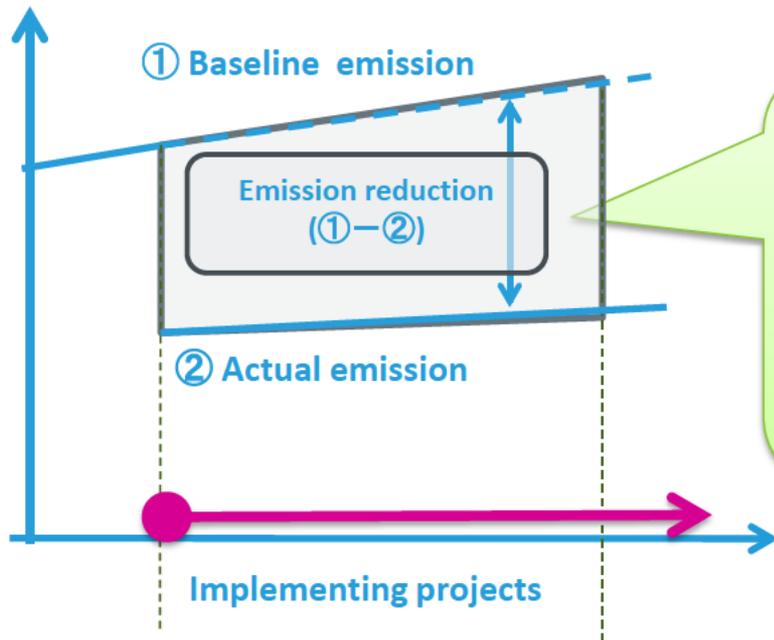


Part 2

What are the features and benefits of the emissions units generated by your programme, mechanism or project, including the means to ensure their quality?



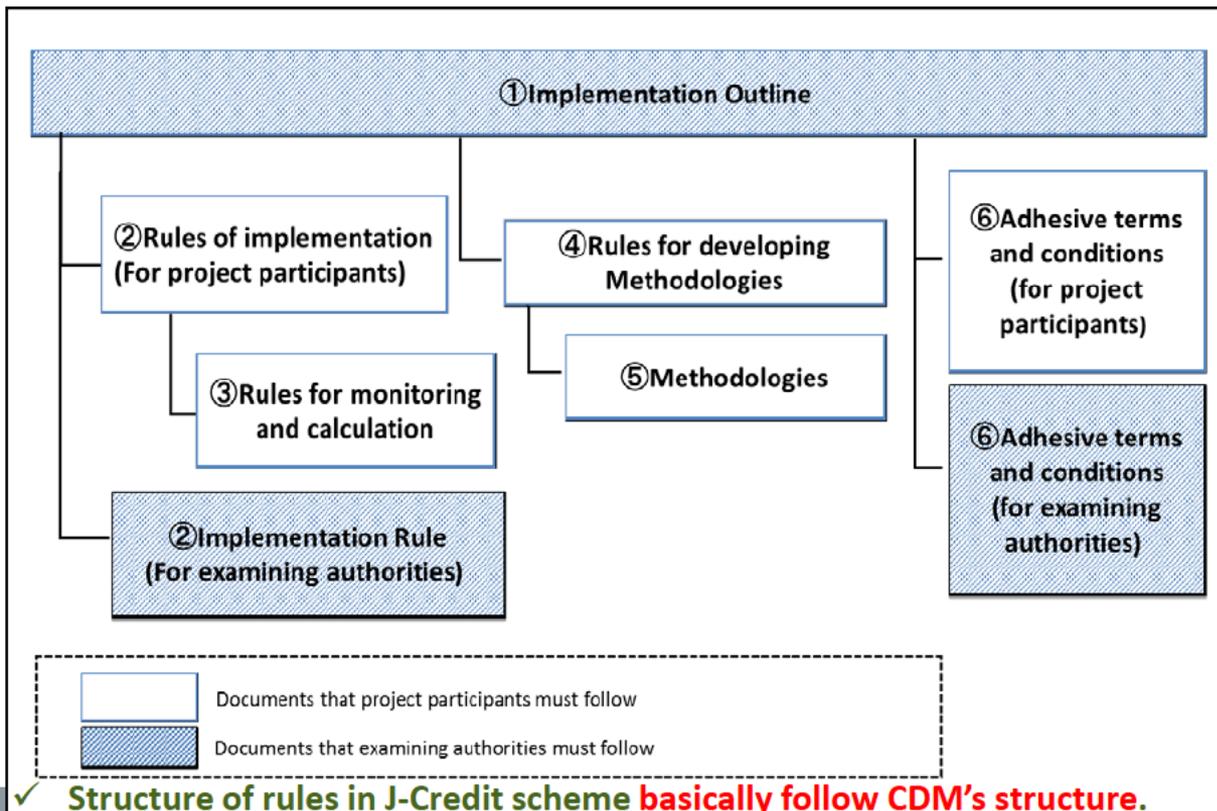
Basic concept for crediting in the J-Credit scheme - *Baseline and Credit* -



- ✓ Emission reductions to be credited are defined as difference between the baseline emission and actual emission after implementation of projects.
- ✓ J-Credit scheme's rules follow **ISO14064-2** and thus take on conservativeness and transparency, etc.



Structure of rules and documentation in the J-Credit scheme



- ✓ Rules and documentation in J-credit scheme are designed so as to meet **ISO14064-2**.
- ✓ The Steering Committee composed by experts makes rules and methodologies in a conservative manner.
- ✓ Those who want to become examining authorities basically have to be **ISO14065 holders**. Also, they have to be registered by the J-Credit scheme and be announced on the scheme's website.
- ✓ Examining authorities validate and verifies PDDs and monitoring reports based on these rules.

✓ Structure of rules in J-Credit scheme **basically follow CDM's structure**.



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Part 3

Where can potential buyers purchase the emissions units generated by your programme, mechanism or project?



Trading the J-Credits – How to Buy the Credits –

The J-Credits can be sold and purchased at:

- *negotiated transactions*; and
- the *official auctions*.

For those who want to buy J-Credits, the **J-Credit Scheme website*** provides:

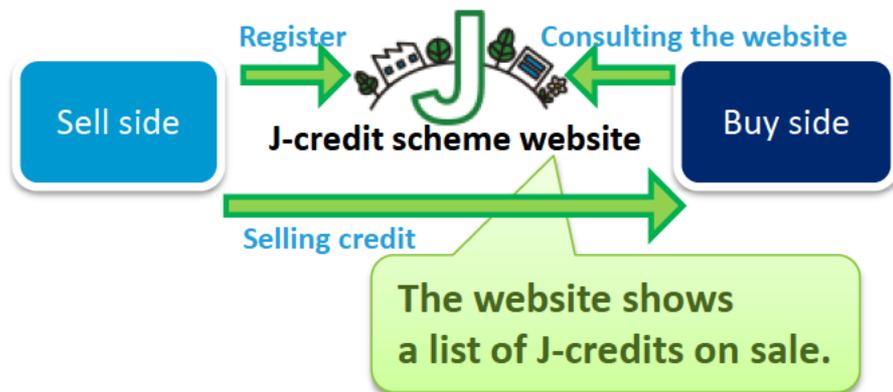
- list of credits on sale for negotiated transactions; and
- information on the **official auctions**.

* <https://japancredit.go.jp/market/corner/>

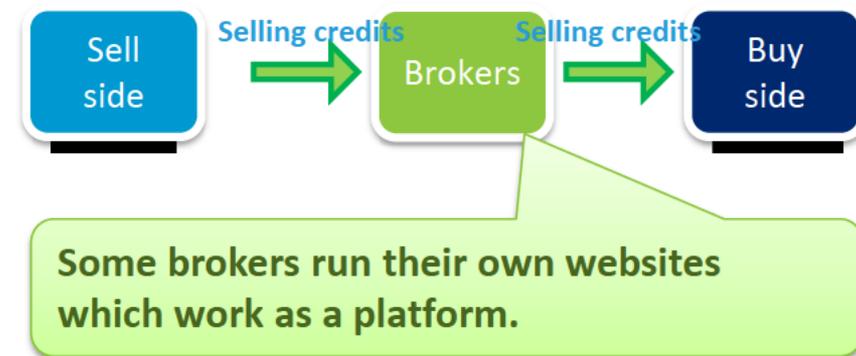


Negotiated Transaction

1) via J-Credit website



2) via Brokers





Official Auction



※Those who has an account in J-credit scheme registry can join the official auction

| | Average price** |
|-------------|---|
| June, 2016 | 510 yen/t-CO2 (ca. US\$4.6 / t-CO2) |
| Jan., 2017 | 1,594 yen/t-CO2 (ca. US\$14.5 / t-CO2) |
| April, 2017 | 908 yen/t-CO2 (ca. US\$8.3 / t-CO2) |

** The average prices are calculated by dividing the total contract amount (yen) by the total traded volume (t-CO2) at each auction.



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Part 4

**How does your programme,
mechanism or project track the
use of emissions units?**



J-credit registry

- Any J-Credit is tracked from its production to retirement within “J-Credit Registry”, an electronic registry for management and recording of J-Credits.
- The Registry gives an **unique serial number** to each credit. Serial numbers are never duplicated.
 - ✓ Consumers of J-credits cannot retire purchased credits more than once.
 - ✓ Generators cannot re-issue J-credits from the same project.
- Access to the registry is limited to the registered person. Instead, those who want to buy the J-credits can check the list of J-credits on sale at the J-Credit scheme website.

J-クレジット登録簿システム

ユーザーの登録簿システムは、J-クレジットの発行と引当の追跡、登録簿の発行と引当の追跡、発行されたクレジットの所有、引当、無効化を管理するためのシステムです。

システムロギン

システムロギン時刻表は平日9:00-23:00です

- ① ログインボタンをクリックしてください (パスワードを再入力してください)
- ② ログインしてください
- ③ 検索機能
- ④ 検索メニュー
- ⑤ 印刷機能

外部リンク

- J-クレジット制度
- 国内クレジット制度
- オフセットクレジット J-VEP制度

What's New

2018.01.17 2018年01月14日(0日)、システムメンテナンスのため、J-クレジット登録簿システムの運用を停止いたします。2018年01月15日(0日)よりシステムの運用を再開いたします。

2017.10.12 **【重要】J-クレジット登録簿システムのURLが2017年10月12日(木)13時より変更されました。**

▼変更URL
<https://japancreditregistry.go.jp/toppage.html>

お問い合わせセンターの案内に収録されている場合は、変更も反映いたします。

2017.10.12 操作マニュアルを2.0版に改訂しました。詳細は、操作マニュアルから最新頁をダウンロードしてご確認ください。

2017.03.31 2017年4月1日(木)より「J-クレジット登録簿システム(検索方法)」に関する数々の変更が先行して実施されます。2017年4月1日(木)以降は、お問い合わせ先はご注意ください。
 【J-クレジット登録簿システム(検索方法)に関するお問い合わせ先】
 エコシステムズ株式会社 J-クレジット登録簿システム ヘルプデスク
 電話:090-2102-5299 E-mail:mf-j@ecosteam.co.jp
 受付時間(平日):9:00-12:00、13:00-18:00

2015年8月10日(月)よりJ-クレジット登録簿システムの検索機能が変更いたします。2015年8月10日(月)より下記検索でシステムをご利用いただけます。

| OS | ブラウザ |
|---------------|----------------------|
| Windows 8.1 | Internet Explorer 11 |
| Windows 7 | Internet Explorer 11 |
| Windows Vista | Internet Explorer 9 |

Registry login page



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Central African
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Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU