

Challenge!! Open Governance 2016 Application Form for Citizens/Students

Title of the Agenda (Note)	No.	Title	Name of Municipality
	25	What students and the working generation can do for voluntary anti-crime activity groups (community association, neighborhood association, etc.), which engage in day-to-day activities such as anti-crime patrols and safeguarding of routes to school, for the safety and security of the community residents.	Kanagawa Prefecture
Title of the Idea (disclosed)	Aiming for zero crime! A safe neighborhood, Ryokuen-toshi: Aiming for zero crime victims in Ryokuen and the development of a safe and secure neighborhood through the engagement of citizens		

(Note) For the Title of the Agenda, please fill in the title of the agenda of the municipality that is applying for COG listed in the COG2016 website.

1. Applicant Information

Name of Team (disclosed)	FerriSat (Ferris Security equipment Application Toothbrush)	
Team Style (disclosed)	<input type="radio"/> 1. Team of citizens <input type="radio"/> 2. Team of students <input checked="" type="radio"/> 3. Team of both citizens and students	
Information of the representative (only the name will be disclosed)	Name (disclosed)	Hanako Ichikawa
	e-mail (closed)	
	Tel#(closed)	
	Relationship in between the rep. and the municipality(closed)	

* About the conditions for the disclosure of information

What you are going to fill in in "2. Description of the idea" in the following pages will be reviewed and disclosed under the Creative Commons Attribution 4.0 International License (CC BY). However, if the applicant requests, it will be disclosed under the Creative Commons Attribution 4.0 International License (CC BY-NC). Please notify us when you apply if you prefer this. In either case, the credit will be given to the name of the team that applied.

(For details of the conditions of the license, see <https://creativecommons.org/licenses/by/4.0/legalcode.ja> and <https://creativecommons.org/licenses/by-nc/4.0/legalcode.ja>. See also the information provided by Creative Commons. <https://creativecommons.jp/licenses/>)

(Notes)

<Name of the file used for the application and where to send them>

1. Upon application, please name the file as COG2016_応募用紙_specific team name_relevant municipality name and send it to the following email address. The email address can be accessed from the “Application Acceptance Section” of the COG2016 website of the University of Tokyo, Graduate School of Public Policy. admin_padit_cog2016@pp.u-tokyo.ac.jp

<About Disclosure and non-disclosure>

2. The name of the idea, the name of the team, the team style, the name of the representative, and the “description of the idea” will be disclosed.
3. The above information will be disclosed after review. (For example, anything that is offensive to public order and morals or plagiarism will not be disclosed.)
4. “Self-evaluation of the screening items” will not be disclosed through the information provided in this application form. What has been determined to be excellent in content and can possibly be used for future reference may be disclosed after consulting with the applicant during the advice phase after the public screening.
5. Any parts of the sentences, photos, figures, and graphics used in the “Description of the idea” section whose intellectual property belongs to anyone other than the team should be noted in quotes in accordance with law or with an explanation that permission has been obtained from those who own the intellectual property rights. The same applies to the “Self-evaluation of the screening items” section.

<List of team members>

6. Please provide the list of the team members in a separate excel file and submit it with the application form. (The information of the members other than the name of the team representative, as described in 2. will not be disclosed by the office of COG. Please see the attached document for details.)

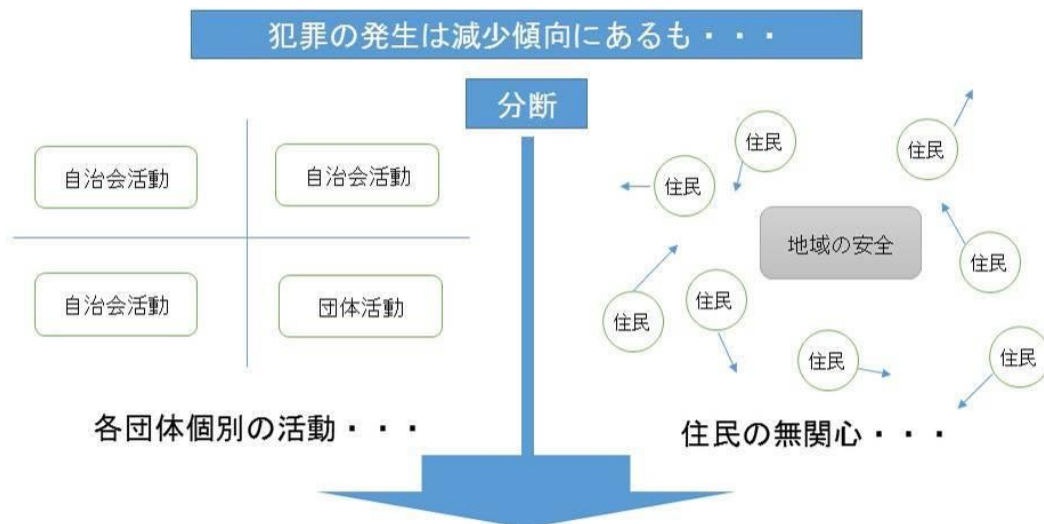
2. Description of the idea (disclosed)

Please tell us the story of the idea (public service) that will help concretize the agenda and solve related problems using data and information materials.

(1) Content of the idea (disclosed)

For the idea, it is recommended to think of who does what, where, when, and how, construct the content with each of these elements, and organize the story. Please provide the content within the following section. (You may use figures and tables as needed.)

- Current situations surrounding the anti-crime environment in the Rykuen area
There are various anti-crime activities and the occurrence of crimes has been minimized, but note that some still occur.



犯罪の発生は減少傾向にあるも...	The number of crimes is decreasing, but...
自治会活動	Activities by community association
団体活動	Activities by groups
各団体個別の活動...	Individual activities by various groups
住民	Residents
地域の安全	Safety of the community
住民の無関心...	Indifference of the residents
分断	Fragmentation

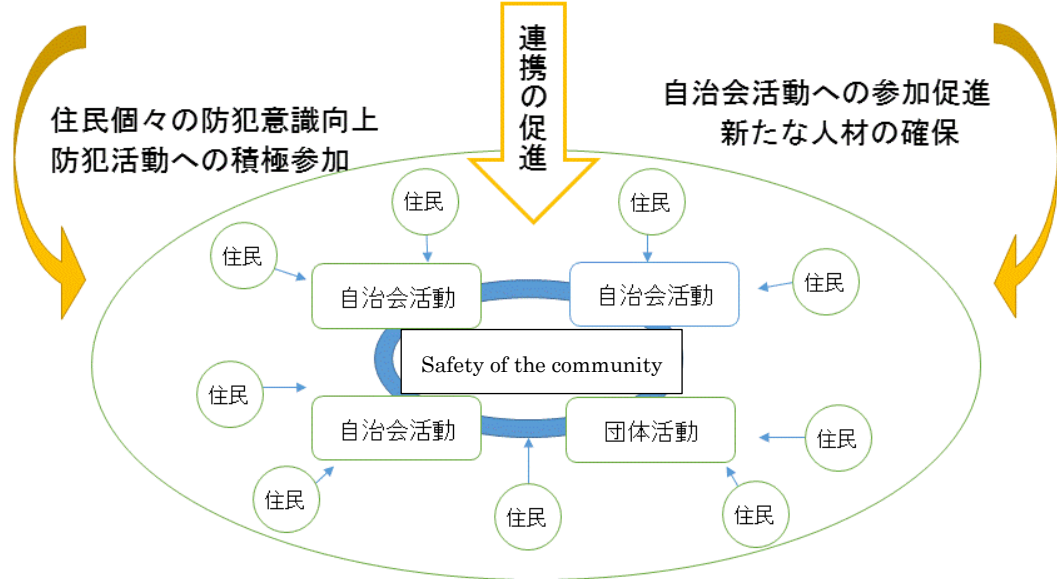
Our Proposal

Aiming for zero crime in the Ryokuen area!

The development of an App.

アプリの開発

情報の可視化（防犯パトロールのリアルタイム表示、危険場所など）
防犯と生活情報の融合（天気、健康、クーポン情報など）



住民個々の防犯意識向上
防犯活動への積極参加

自治会活動への参加促進
新たな人材の確保

連携の促進

アプリの開発	Development of an app
情報の可視化（防犯パトロールのリアルタイム表示、危険場所など）	Visualization of information (real-time display of anti-crime patrols, dangerous zones, etc.)
防犯と生活情報の融合（天気、健康、クーポン情報など）	Integration between anti-crime information with daily life information (weather, health, coupon information, etc.)
住民個々の防犯意識向上	Increasing anti-crime consciousness among the residents
防犯活動への積極参加	Active participation in anti-crime activities
連携の促進	Facilitating collaboration
自治会活動への参加促進	Encouraging people to participate in activities through community associations
新たな人材の確保	Securing new human resources
住民	Residents
自治会活動	Activities by community associations
団体活動	Activities by groups
地域の安全	Safety of the community

If we can involve students in local activities, people may become more interested and younger generations may start to participate in the activities as well.

(2) Basis of the idea (disclosed)

Please explain the basis of the idea (why this idea), including numerical data that supports the idea (what can be shown by numerical values, such as past results, statistics, or questionnaires) and evidence (information materials, plans, or existing measures, etc.) (hereinafter collectively referred to as “data materials”). Please indicate the sources of the numerical data or evidences. Make sure you completely explain the basis within the following two-page section.

○ **About the outline of the Ryokuen area**

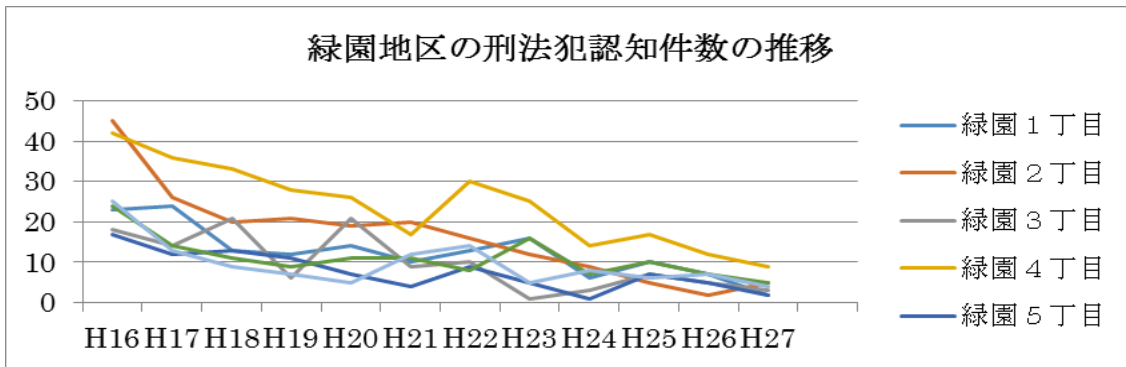
The following are the four characteristics of Ryokuen-toshi that were clarified based on the fieldwork we conducted, and what we heard from local people and those from the community association.

1. Ryokuen-toshi is located within a 35 km range from Tokyo and was developed around Ryokuen-toshi Station of Izumino Line (Futamatagawa-Shonandai) of Sagami Railway Co., Ltd. which runs through the western part of Yokohama city. Its development started in 1974 based on the rezoning system of land and the sale of houses begun in November, 1986. The original development plan was: total area 1.2million m², population 18,000, number of houses: detached houses, 2,834; condominiums 1,761; others 143. (Source: http://www.ryokuen.gr.jp/external/rca/rca/what_rca.html)
2. Rokyuenn_toshi Community Association (hereinafter “RCA”) was established. Considering the whole area of Ryokuen as common property, land owners, property purchasers, and the developer united together to maintain the favorable environment and rich greenery of Ryokuen; they established Ryokuen-toshi Community Association in April, 1987 as Japan’s first community development organization propelled mainly by residents, and separate from the customary self-governing residents’ association. (Source: same as above).
3. It is a town developed by modeling the concept of separating sidewalks and driveways adopted in 1929 in Radburn, New Jersey, USA. Cul-de-sacs and loop-turns have been built to create a safe city that preserves the landscape.
4. On the other hand, the fieldwork we conducted revealed the fact that there are many old apartment buildings facing heavily trafficked wide roads, but the doors are located on the back of the buildings; there were very few apartment buildings with doors facing the main streets.
➔ We felt such a structure hides people’s entry and it may be easier for burglars to sneak in.

○ **About the occurrence of crimes**

We first provide the following chart of numerical data to show the reported number of criminal offenses in the Ryokuen area. It shows that the number of crimes is declining every year

but not to zero.



緑園地区の刑法犯認知件数の推移	Shifts in the reported number of criminal offenses in the Ryokuen area
緑園 1 丁目	Ryokuen 1-chome
緑園 2 丁目	Ryokuen 2-chome
緑園 3 丁目	Ryokuen 3-chome
緑園 4 丁目	Ryokuen 4-chome
緑園 5 丁目	Ryokuen 5-chome
H16	2004

Source: Data provided by Izumi Police Station, Kanagawa Prefecture

Increase and decrease compared with the period one year earlier by type of crime (as of the end of October 2015)

警察署	栄	金沢	港南	磯子	南	戸塚	泉	保土ヶ谷	瀬谷	旭	神奈川	鶴見	港北	都筑	緑	青葉
自転車	47	-56	-22	-3	-32	-11	68	17	46	-84	-54	-7	-98	7	-14	-16
オートバイ	-5	-14	7	-11	-28	-19	19	-14	30	-37	-45	-16	-65	-51	-31	-37
自動車	-4	-6	-1	±0	-2	-10	-14	1	-12	5	-14	-2	-5	-16	-6	-14
車上	-2	-1	6	12	70	-45	-21	2	-22	-4	11	20	53	14	-9	-1
ひったくり	6	-2	-15	-2	6	-4	-3	-6	-4	-10	-4	-11	-6	-2	-1	1
空き巣	5	-11	-23	13	-14	-14	-13	-8	2	-25	-14	-24	-16	26	-19	-53
合計	47	-90	-48	9	0	-103	35	-8	40	-155	-120	-40	-137	-22	-80	-120

警察署	Police Station
自転車	Bicycle
バイク	Motorcycle
自動車	Car
車上	Car break-in
ひったくり	Purse-snatching
空き巣	Burglary
合計	Total

Source: Crime statistics of Kanagawa Prefectural Police

○ **About the anti-crime efforts in the Ryokuen area**

During the fieldwork, we conducted interviews with those who engage in anti-crime

activities for the community association, etc., including the director of RCA, Mr. Akiyama, to find out the current status of the anti-crime activities carried out in the area.

1. Concerning the blue-collar patrols by the council of Ryokuen area anti-crime patrols
Patrols are carried out twice a day at 2 p.m. and 7 p.m. when many elementary school children, students (mainly female university students), and women are seen on the streets by the Ryokuen area anti-crime patrolling party, which is a subsidiary organization of RCA. A team of two goes on patrol; one drives and the other fills in a daily report.
2. Efforts by each neighborhood association
Patrols are carried out once or twice a month at night around 8 p.m. In the case of 3-chome, patrols are carried out three times a month because the area is close the station where crimes tend to occur more often.
3. Security by a security company
Security management is carried out by the Comfort 24 Operation Center launched after the establishment of RCA. It fulfills roles, such as those fulfilled by the security company Secom, but it is more deeply rooted in the area and patrols are carried out twice a day. Because it is a security service offered for a group, everyone who lives in the Ryokuen area must become a member.
4. Others, personal activities
Wan-wan patrols or flower pot projects are carried out voluntarily; the area encourages people to walk their dogs or water flowers around the time when elementary school children come home from school.
5. Current problems
 - Those who engage in such activities have been the same people and are getting older. Only a few women participate in the activities.
 - Many of the residents have no interest in the activities conducted by the community association or in the safety of the area.
 - Those who will carry out the activities in the future have not been cultivated.

Members of the anti-crime patrolling party by age

Age	60-64	65-69	70-74	75-80	80 or over	Total
Male	0	6	6	9	1	22
Female	2	3	0	0	0	5
Total	2	9	6	9	1	27

Source: Provided by RCA

- Currently, anti-crime activities have been carried out by each community association. There are no anti-crime efforts undertaken by the entire area.

As explained above, the number of crimes in the Ryokuen area is on the decline, but there

are still issues to be worked out for future activities.

Therefore, as a means to solve these issues, we propose developing an app equipped with functions to encourage the residents to participate actively in anti-crime activities and promote mutual cooperation among the community associations.

(3) The flow of activities leading up to the realization of the idea (disclosed)

Please explain briefly the general flow of activities leading up to the realization of the idea, including the body in charge of the realization of the idea, specific processes, milestones, etc. within the following section. (You may use figures and tables as needed).

This is an activity carried out voluntarily via collaboration between RCA and students of the Ferris University for the people who live in Ryokuen-toshi.

1. Proposal of the app (Ferris University → RCA)

[Outline of the app]

“Digi Police” (app that gives details of open criminal investigations and shows criminal information on the map), developed and launched by the Tokyo Metropolitan Police Department on March 1, 2016, will be used as a reference.

(1) Sharing anti-crime patrol information

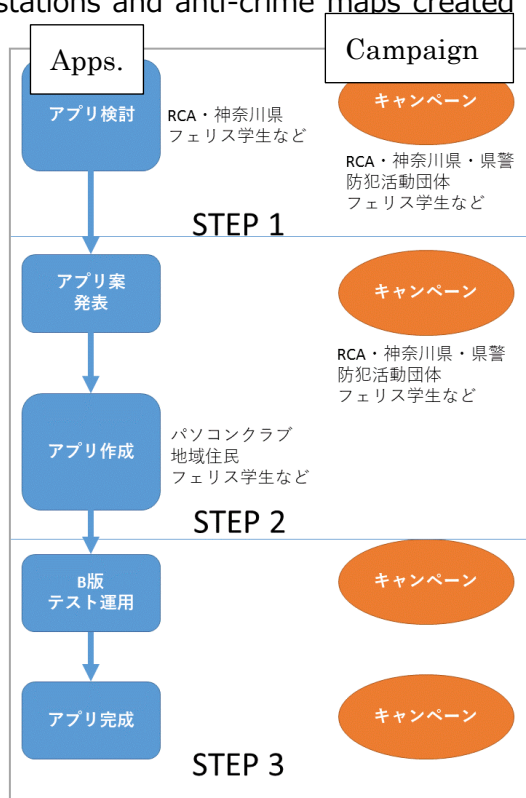
In cooperation with the community associations taking anti-crime measures in Ryokuen-toshi, information, such as anti-crime patrol routes or time frames of patrols, will be displayed on the map. The status of anti-crime patrols will be shared in real-time using location information services to ensure effective anti-crime patrols among the community associations.

(2) Display of dangers

By inputting on the map dangerous zones and locations where crimes have occurred, and utilizing information provided by the local police stations and anti-crime maps created by elementary and junior high school students, the system, by using the location information service, will be able to immediately tell us what kind of crimes have occurred in the past in certain areas and whether we are standing in a safe place.

(3) Display of daily life information

We should make the users feel that this app is not entirely an anti-crime measure but rather a tool associated with daily life information (weather forecast, pedometer, coupon information, etc.), which can easily attract the interest of residents, but still works as an



anti-crime tool.

2. Creation of the app (requires adjustments)
 - Development of the app funded by RCA
 - Thinking about developing the app utilizing civic tech by mobilizing the residents, mainly the RCA PC Club.
3. Public awareness activity of the app (collaboration between RCA and the students of Ferris University)
 - Planning of the items for raising public awareness of the app (students of the Ferris University)

Goods that users see in everyday life (toothbrush, etc.) will be planned and created by the students, rather than using disposable items like pocket tissues used for traditional anti-crime public awareness campaigns.
 - Public awareness of the app and anti-crime campaign are planned by students of Ferris University to increase anti-crime consciousness among the community residents.

App development and public awareness campaign plan

アプリ検討 RCA・神奈川県 フェリス学生など	Exploring ideas for the app By RCA, Kanagawa Prefecture, students of Ferris University, etc.
キャンペーン RCA・神奈川県・県警 防犯活動団体 フェリス学生など	Campaign By RCA, Kanagawa Prefecture, Kanagawa Prefectural Police, ant-crime activity groups, students of Ferris University, etc.
アプリ案発表	Announcing the proposal for the app
アプリ作成 パソコンクラブ 地域住民 フェリス学生など	Creating the app By PC Club, community residents, students of Ferris University, etc.
β版テスト運用	Trial operation of the beta version
アプリ完成	App completed

An anti-crime campaign to raise public awareness of the app will be planned by the students in collaboration with RCA, and the above public awareness goods will be distributed during the campaign with the help of the municipal government and police stations to increase the anti-crime consciousness of residents.

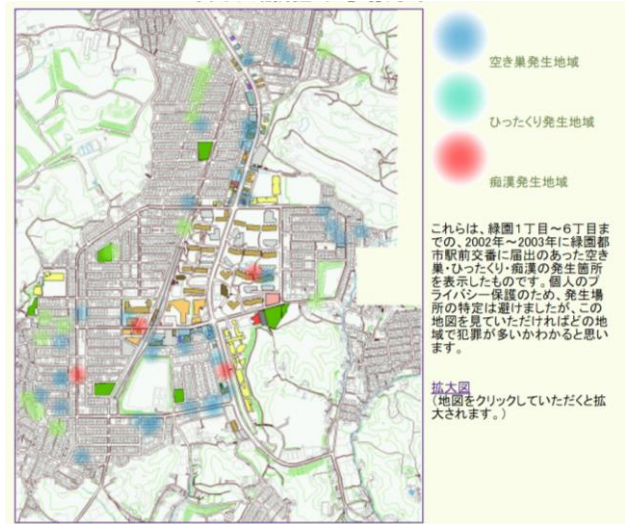
(4) Others (disclosed)

Briefly explain the selling points of the idea, restrictions upon realization of the idea if any, near-term solutions, and potential for the future (for example, “if the limitation of XX can be eliminated in the future, we can also do YY”) within the following section.

[Selling points of the idea]

The selling points are as follows:

1. A meeting was held once a week between Kanagawa Prefecture, RCA, and Ferris University to discuss matters in depth.
2. A crime map created by the Ferris University GIS study group from 2002 to 2003 has been shut down since then for various reasons, but we were able to effectively use old and new data based on this crime map for the fieldwork and the process of developing the app.



3. Because we were able to conduct interviews with the residents, we were able to organize individual activities and data. By continuing the activities until the completion of the app based on what we can obtain from doing so, we can expect more people to have an interest in our activities. We can also expect more people to participate in anti-crime activities. So far, only a few young people have participated in patrols and engaged in anti-crime activities; most of the people are older. However, we are hoping the development of this app will encourage young people to participate.
4. We can let people know more about anti-crime activities, which have been mostly unnoticed, by using the app and encourage them to take an interest and/or participate in the patrols. We can also expect certain effects in the future from providing crime data in a totally different form and we can expect this project to become an advanced model that other areas can use as a model.
5. We can achieve collaboration among the private, public, and academic sectors where a university can contribute to the community. Active participation by citizens can lead to the creation of a new community.

Crime occurrence map (*)

空き巣発生地域	Areas where a burglary occurred.
ひったくり発生地域	Areas where a purse-snatching occurred.
痴漢発生地域	Areas where molestation occurred.
これらは、緑園 1 丁目～6 丁目までの、2002 年～	The map shows the areas in Ryokuen

<p>2003年に緑園都市駅前交番に届け出のあった空き巣・ひったくり・痴漢の発生箇所を表示したものです。個人のプライバシー保護のため、発生場所の特定は避けましたが、この地図を見ていただければどの地域で犯罪が多いかわかると思います。</p>	<p>1-chome to 6-chome where burglary, purse-snatching, and molestation took place and were reported to Koban in front of the Ryokuen-toshi station from 2002 to 2003. To protect the privacy of the individuals, the exact locations are not specified, but it is apparent which areas have more crimes.</p>
<p>拡大図 (地図をクリックしていただくと拡大されます。)</p>	<p>Enlarged map (Click the map to see the enlarged version)</p>

* Source: http://ferris-gis.my.coocan.jp/GIS2003/map_bouhan02.html