

It's a guidepost to lead you to a safer area in the event of an emergency.



**SHIRUBEnist**

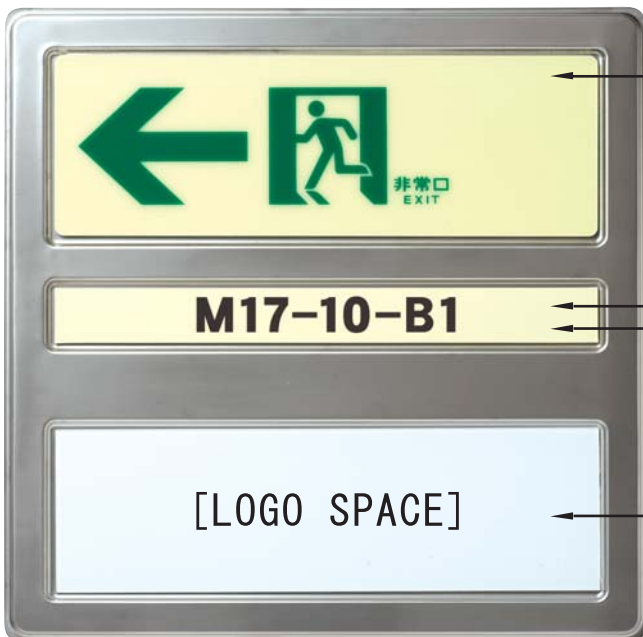
Guidance of "SHIRUBEnist"



Emergency signs leading us to safety should be installed in public or open spaces. These can save lives and give peace of mind to many people.

Our business plan will introduce cooperative sponsors to building owners and this reduces the cost to install the emergency light facility.

3 solutions by "SHIRUBEnist"



solution

1

**No electrical power is required for "SHIRUBEnist"**

Regarding the fire protection law in Japan, emergency lights should remain bright for 20 minutes or longer if needed; however we are concerned about this short length of time. "SHIRUBEnist" is officially qualified fire protection equipment with an accumulating light system; also it gives a visible sign more than 1 hour without energy in case of power outage. To avail of this free energy for the product you should install this product anywhere where it can get light.



solution

2

**Giving your present location**

You can figure out your present location when you have a power-cut situation or disaster in an unfamiliar area if each "SHIRUBEnist" plate has encoded location information on it. Also the ability to inform your position to emergency call centers means rescue teams can save you faster; even if you were in a large-sized underground facility.

solution

3

**Much less pressure to consider about the cost**

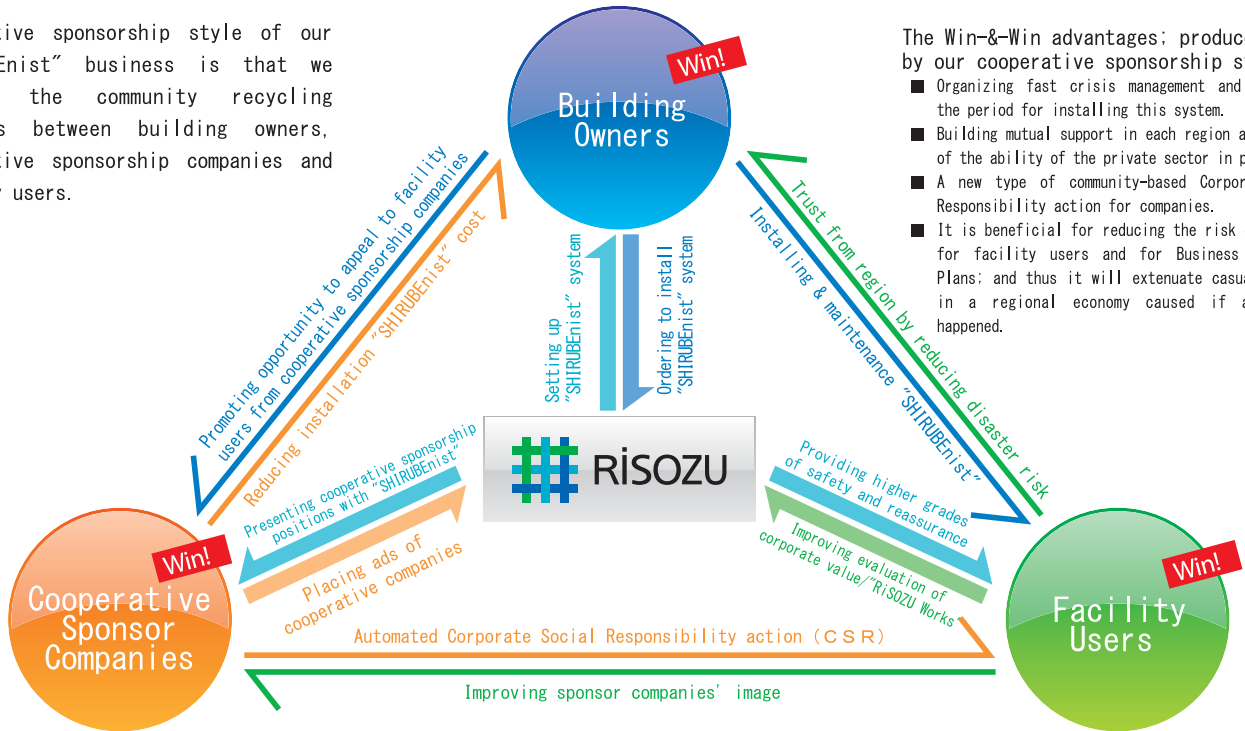
We present reserved cooperative company positions with "SHIRUBEnist". "RISOZU" provides these positions to sponsor companies that agree with our policy; that is contribution to regional safety and corporate social responsibility. We are certain that "SHIRUBEnist" will improve the sponsor company's image as well as saving the cost to install the facility for building owners.

詳細は裏面へ

We named our product "SHIRUBEnist"; as the Japanese word "SHIRUBE" means sign and we have planned it would lead people to safer areas if needed; in addition, we borrowed the "~ist" from the word "specialist" and added it to the word "SHIRUBE" We feel it suits our company's policy leading people to safety.

# "RiSOZU" presents you with a "cooperative style" business model

Cooperative sponsorship style of our "SHIRUBEnist" business is that we provide the community recycling benefits between building owners, cooperative sponsorship companies and facility users.



The Win-&Win advantages; produced by our cooperative sponsorship system.

- Organizing fast crisis management and shortening the period for installing this system.
- Building mutual support in each region and availing of the ability of the private sector in public areas.
- A new type of community-based Corporate Social Responsibility action for companies.
- It is beneficial for reducing the risk of disaster for facility users and for Business Continuity Plans; and thus it will extenuate casualty losses in a regional economy caused if a disaster happened.

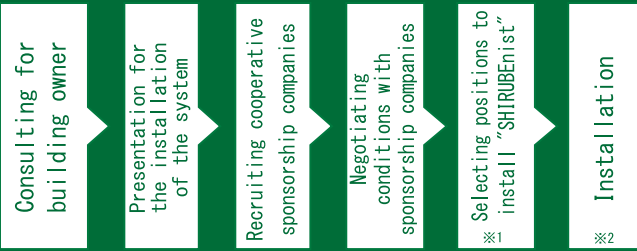
## Process of installing "SHIRUBEnist"

We support you to install "SHIRUBEnist" offering consultation from the beginning to selecting the position for each system to complete setting each system smoothly.

(We would like to inform you in advance that there are some conditions for the installation of the system.)

※1 The installation location for the system will be chosen by discussion with the building owner.

※2 The installation operation, maintenance and improvement of "SHIRUBEnist" will belong to installation administrator.



## Reference data: High requirement for evacuating sign systems with accumulating light and luminescence

Learning about the importance of disaster prevention measures from past disasters

Records from the past show we had large scale of disasters happened very often; the cyclone disaster in Myanmar on the 2nd of May 2008 and 10 days after Sichuan province earthquake disaster happened: At the same time we have heard news that some damage could have been prevented. From those kinds of disasters we recognized how we should be conscious about anti-disaster prevention measures. Including our company, it is also other worldwide companies' necessity to present higher grade anti-disaster plans internationally.

High requirement for evacuation signs with accumulating light and luminescence

In a past, the terrorism attack on September 11th 2001, World Trade Center Building collapsed in New York, U.S.A.; and the subway fire disaster on 18th February 2003 in Taegu, Korea; there were incredible electrical power cuts in both of those incidents and that lack of power may have magnified the damage for people in those cases. Those victims had difficulty to follow safe routes for escaping in the dark without sufficient lighting. Present emergency sign technology is available that uses a material which accumulates light and glows long term; this attracts attention and can guide people to safety. Already New York City has changed the ordinance regarding emergency signs; tall office buildings must have evacuation signs with accumulating light and luminescence. Also the Ministry of Internal Affairs and Communications (Fire and Disaster Management Agency) and Ministry of Land, Infrastructure, Transport and Tourism set up "Subway Fire Prevention Committee." Tokyo has more than a half of all Japan's subway stations and has enforced an ordinance regarding evacuation signs with accumulating light and luminescence since the First of April 2005. That regulation based on the outline presented from the Committee in March 2004. We are sure that this facility would be more focused on in the future.

## Summary of "SHIRUBEnist" panel specifications

### Emergency sign with accumulating light and high-intensity luminescence

- Emergency sign with accumulating light FRG-AP05 (~07) -00 3t×100×300(mm)
- Special silicon coated

### Light accumulating plate with location information

- PC board polycarbonate 3t×30×300(mm)
- Continuous usable temperature 110°C
- Bending strength points 93
- Self-extinguishing material
- Accumulating light film MG-65V-a
- Special silicon coated

### Cooperative companies' logo printed plate

- PC board polycarbonate 2t×90×300(mm)
- Continuous usable temperature 110°C
- Bending strength points 93
- Self-extinguishing material
- Special silicon coated

### Stainless base panel

- Material SUS 304 2B 10t×354×358(mm)
- Fabrication Metallic molded product with one piece original base plate

### "SHIRUBEnist"- Emergency sign with accumulating light and luminescence, Light accumulating plate with location information, Cooperative companies' logo printed plate - Special silicon coating

#### Advantage of special silicon coating

- Easy to clean. You can wipe off felt pen ink or lacquer spray paint if on the surface
- Scratch resistant and less likely to crack or chip by expansion or bending.
- Improved burning resistance when it remains undamaged when torched with a cigarette lighter or lit cigarette.
- It is inorganic. This material is environmental-friendly
- It satisfies all functions as mentioned above additionally it has no recognized degradation effect from accumulating light system.

The advantage as mentioned above, because of the high quality of this product it requires little maintenance and maintains performance retention and safety. Also it can be a valuable advertising media asset for cooperative sponsorship companies.