



Environmental Efficiency and Community Flood Warning Solutions

The Background

Global, national and local communities have become increasingly aware of the importance of environmental issues and the impact on communities of the increased use of flood plains for commercial and residential development.

Communities are seeking to incorporate sound environmental policies with the appropriate Health and Safety measures, through an easy to use and cost effective system. Solutions need to meet improved environmental criteria, fulfil health and safety requirements and result in cost savings.

National government bodies are legally obliged to inform residents of potential hazards but communities are increasingly demanding faster and more mobile access to such information. Government bodies and agencies need to improve upon and further build sustainable relationships of trust with national and local governments, financial investors and the local community.

The Opportunity

- 👍 To promote and embrace a 'green information policy' to an increasingly environmentally conscious population.
- 👍 Demonstrate a proactive approach to Environmental Issues, Health and Safety.
- 👍 To differentiate your community with advanced notification of flood issues to the population with the latest environmental management technology.
- 👍 To be able to publicly or privately report measured and controlled environment information and improve on the management information available for strategic decisions.



Your Benefits

- ✓ Subscription FREE System. Automated warnings to all registered users.
- ✓ Operational cost savings: e.g. fewer insurance claims, lower insurance premiums and smaller legal bills, releasing staff for other more productive duties through improved environment management.
- ✓ Improved implementation of environmental policies with consequent positive PR coverage.
- ✓ REMS International will work in collaboration with the Environment Agency to offer a Community Flood Warning system.
- ✓ Automated management and strategic information statistics on flood patterns and water flow.
- ✓ Automated proof of regulatory health and hygiene requirements.
- ✓ Ability of HQ staff to quickly and effectively manage and control the distribution of information to individuals in the local community.

REMS Solution

REMS solution can Monitor, Control and Manage any flood system in a local, national or global community to improve Environment Efficiency and deliver vital Management Information to the appropriate personnel whether they are located at a central office, on a mobile telephone, an internet terminal or a combination of all. The solution can be configured to automatically act upon the information, inform your staff to manually rectify the situation, where possible, record the event or an amalgamation of all three.

Registration to the REMS Solution is through an easy to use automated voice/phone interactive service, available via a premium rate number.



The registration process involves individuals entering their postal address, telephone and mobile numbers plus email address then selecting the areas they wish to receive flood alerts for, as well as the methods by which they wish to be contacted. Multiple contact methods can be selected but the user is charged for each method used. Registration provides each person with a user name and pin to enable them to alter their details at a later date.

Once registered communities or individuals are be contacted by SMS or a recorded message to a telephone number. With most people having a telephone or a mobile, recorded messages or SMS are an obvious choice.

The voice message option is a simple warning advising the recipient to call back with a unique code for more detailed and specific information. It is up to the recipient to call back if they required more information, enabling them to regulate their costs. The REMS voice system requires the user to renew their registration every year, prompted with a voice message, to ensure the information held by REMS is current and conforms to Data Protection Acts.

The SMS option is a more specific message than the voice message but is paid for through the use of a payment by recipient service.

Money generated by the REMS Solution is used to fund the maintenance and continued development of the service. To ensure the system does not create too many messages the information sent is monitored and regulated.

REMS Solution monitors all flood detection devices, 24 hours a day, 365 days a year to ensure their operational information is recorded and transmitted to the required people in real time. If the flood level rises a qualified message to the REMS Community Warning System is immediately dispatched.

These actions ensure that households and businesses have sufficient time to install Flood Protection Guards and that the problem is acted upon before the flood water rises to unacceptable levels, preventing unnecessary damage.

This alleviates the need for insurance claims with the consequent immediate saving in staff and management time and significant long term savings in insurance premiums.



REMS Solution Plus

Future planned developments include a specially designed web site that REMS would build and manage with EU or UK matched funding, aided and supported by the Environment Agency. The web site will be followed by a call centre with agents to enter the details for those people unable to gain access to the web site or unwilling to use the automated voice/phone interactive system.

Future Community Flood Warning Alerts will include email and pager services, other additional contact options will be added as appropriate.

Additional Operational and Environment Efficiency can be gained by the effective monitoring and control of secure facilities, pumping stations, OCTV, battery back-up and generator systems plus individual room temperature, humidity, fire, gas and flood sensors. The REMS Solutions Plus can be used to monitor and report on the water, gas and electricity consumption permitting accurate billing or cross charging from a common source whilst achieving the economies of scale possible with single source supplies. The REMS Solution can be extended to include “traffic” patterns to improve the management and strategic decisions processes.

The REMS International solution can Monitor, Control and Manage all of the components regardless of manufacturer.

The Guild of Travel and Tourism approve REMS 25x8 Solutions and Advisory Services.

The Community Warning System is backed by Flood Protection Services who provide a fibreglass barrier that the Environment Agency and BBC are aware of and are suitably impressed with its ease of use.

REMS guarantee their Flood Warning Solution to work independently of any barrier system.