



**CORRESPONDENCE FILE 1**  
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**Place Plan Meeting**

**23ain Mai / 23<sup>rd</sup> May 2024**

## Abigail Pilling

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**From:** Shane D. Wetton  
**Sent:** 15 May 2024 11:35  
**To:** Abigail Pilling  
**Cc:** Richard Clarke; James Harland  
**Subject:** RE: Abergele Place Plan letter of contribution

Hi Abby,

Thanks for the email, let us know when the Place Plan ratifies the allocation, if you need the email on a formal letter for the purposes of the funding application then we can sort that out once the Place Plan Committee agrees.

I won't answer on Rich's behalf regarding the S106 information, Rich will be far more up to speed than me. From what I recall at the last meeting the members requested up to date balances under relevant heading and any possible imminent spend deadlines, is this correct?

Thanks

Shane

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**From:** Abigail Pilling <abigail.pilling@abergeletowncouncil.gov.wales>  
**Sent:** 14 May 2024 16:36  
**To:** Shane D. Wetton <Shane.Wetton@conwy.gov.uk>  
**Cc:** Richard Clarke <richard.clarke@conwy.gov.uk>; James Harland <James.Harland@conwy.gov.uk>  
**Subject:** RE: Abergele Place Plan letter of contribution

Hi Shane,

Thank you very much for following up with this. I understand this is subject to ratification.

In the interim, at the last Place Plan meeting, following your update and explanation of the anticipated variance in the S106 funding pots, due to interest accruals / end of year, Members had requested S106 figures in advance of the meeting (which is next Thursday May 23<sup>rd</sup>).

Will this be possible by then?

If you can let me know, for the purposes of putting together my meeting papers which will go out this Friday May 17<sup>th</sup>, I would really appreciate it.

Many thanks,

Abby

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**From:** Shane D. Wetton <Shane.Wetton@conwy.gov.uk>  
**Sent:** 14 May 2024 14:47  
**To:** Abigail Pilling <abigail.pilling@abergeletowncouncil.gov.wales>  
**Cc:** Richard Clarke <richard.clarke@conwy.gov.uk>; James Harland <James.Harland@conwy.gov.uk>  
**Subject:** RE: Abergele Place Plan letter of contribution

Hi Abby,

Thanks for your email regarding a S106 contribution towards the funding of your Project Manager and Funding Officer role. I am pleased to confirm there is currently sufficient S106 funding under the

CFI pg 1

## LoRaWAN Gateway

### What is it?

- A LoRaWAN gateway is a highly sensitive aerial which can facilitate the “internet of things”. The gateway is capable of supporting hundreds of end devices (e.g. sensors which collect data, which can then be used for various applications).

Some examples:

[Abergavenny: Enhancing green infrastructure management with sensors & data | Trefi](#)

[Smart Town \(smarttowns.cymru\)](#)

[Powys County Council: LoRaWAN Digital Connectivity](#)

[Norfolk and Suffolk County Councils: Case Studies](#)

- Outdoor gateways cover between 2km to 8km, depending on the topography of an area, and they use a low-power radio signal, in the frequency previously used for analogue television.
- Whilst the gateways are designed to be robust, issues can occur, as with any other technology, so it is good practice to have a back-up gateway unit in place, to ensure continuity of data collection (e.g the sensors will continue broadcasting information to other gateways, even if one is temporarily compromised).

### Why?

- WG is investing in LoRaWAN and other infrastructure with the aim of supporting the development of SMART towns, with a focus on data-driven planning and decision-making
- SMART towns encompasses a spectrum of technologies with broad aim of empowering communities and managing resources more efficiently, via the collection of data, which can be used to drive and /or analyse decisions and schemes, streamline and / or automate services. Specifically, the LoRaWAN gateways are open for anyone to use, any organisation, person or business. Therefore LoRaWAN sensors can support residential and business communities in their own planning and decision-making.

### What are we being asked for?

- Welsh Government Transforming Towns funding has been allocated for the SMART Towns agenda.
- CCBC’s strategic development plan includes plans for a second Gateway in Abergele, with the aim of building in resilience (as above).
- Abergele Town Council is being asked for £330, a 30% match funding contribution, with CCBC contributing the 70%

### Currently in Abergele

- Abergele has one Gateway mounted on Emrys Ap Iwan school. Proposed for a second gateway to be installed at the County Council depot on Tan y Gopa Road up above the golf course which provides good coverage over the western half of Abergele and resiliency beyond.
- Abergele has free WIFI, which forms part of the digital inclusion agenda, the aim of which is to support town centres (residents and businesses, as well as encouraging visitation and dwell time)

### Future Plans / Benefits

## Information about LoRaWAN in relation to CCBC contribution request

- With the infrastructure in place, Abergele would be in a position to benefit from future stages of the SMART towns developments.
- This could include sensors which can last up to ten years on long-life low-power batteries, which would collect data and send information to the gateways, which would then be analysed, and shared with stakeholders, as in the examples above.
- It is one-off capital cost that enhances coverage across the Abergele, Pensarn and Belgrano areas ensuring that residents, business and organisations can explore opportunities and efficiencies that automated data recording can afford them.
- CCBC then maintain the gateway as part of the County network improving Digital Connectivity as whole across Conwy County and Wales beyond.
- Per CCBC:

*"It is up to people to explore how automated data recording could benefit them but examples include, and are not limited to,*

  - *Automated fridge / freezer temperature recording along with alerts: Food, Medicine, vaccines etc (local businesses)*
  - *People counting on footpaths, through gateways (land owners, highways agencies)*
  - *Water levels in streams, rivers, tanks, ponds, pools etc. (land owners, NRW, Conwy CBC)*
  - *Soil moisture for watering as per Abergavenny (land owners, ATC, CCBC)*
  - *Temperature and humidity sensors for properties. (property owners and tenants)*
    - *Useful for landlords to ensure tenants are airing properties appropriately.*
    - *Useful for tenants to prove to landlords that they are unable to ventilate appropriately*
  - *Vehicle counting (are Abergele Town Council getting value for the money they pay for having free car parking)*
  - *Vehicle counting through town. Imagine permanent counters on Dundonald Avenue, Market Street, Rhuddlan Road and Chapel Street – you get a full in and out profile.*
  - *Air pollution*
  - *Weather stations*
    - *Place at a school, place the data on the town council website. Residents see local data relevant to them, you collect data for long term storage, climate change etc. Children also get to see data relevant to them on a curriculum basis covering IT, maths, graphs, geography and meteorology".*
  - There could be additional costs associated with future tranches of the programme.

Notes from Abergele Town Clerk / Deputy Clerk

Welsh Government is funding Transforming Towns development plans, with facilitation via partner organisation, Menter Mon

What makes a SMART Town?

- Infrastructure, LoRaWAN, Wifi, external devices
- Finding solutions, gathering evidence of issues
- Data collection, keeping people informed, hosting dashboard/landing page
- Residential and Business Community engagement – information needs to be sent out, Menter Mon can help with information events

LoRaWAN / Wifi

- Abergele can have a login to access data (no cost at present)

Patrwm / Cisco Meraki

- Patrwm is a secure platform – can be used to compare data year-on-year, by date
- Measure Footfall, dwell time, routes, heat maps

Town Apps / Platforms

->>>Tourism and Regeneration Manager (Jasmine) putting in a Countrywide Application

->>>CCBC IT (Scott) could possibly present to Council