

Domestic Renewable Heat Incentive

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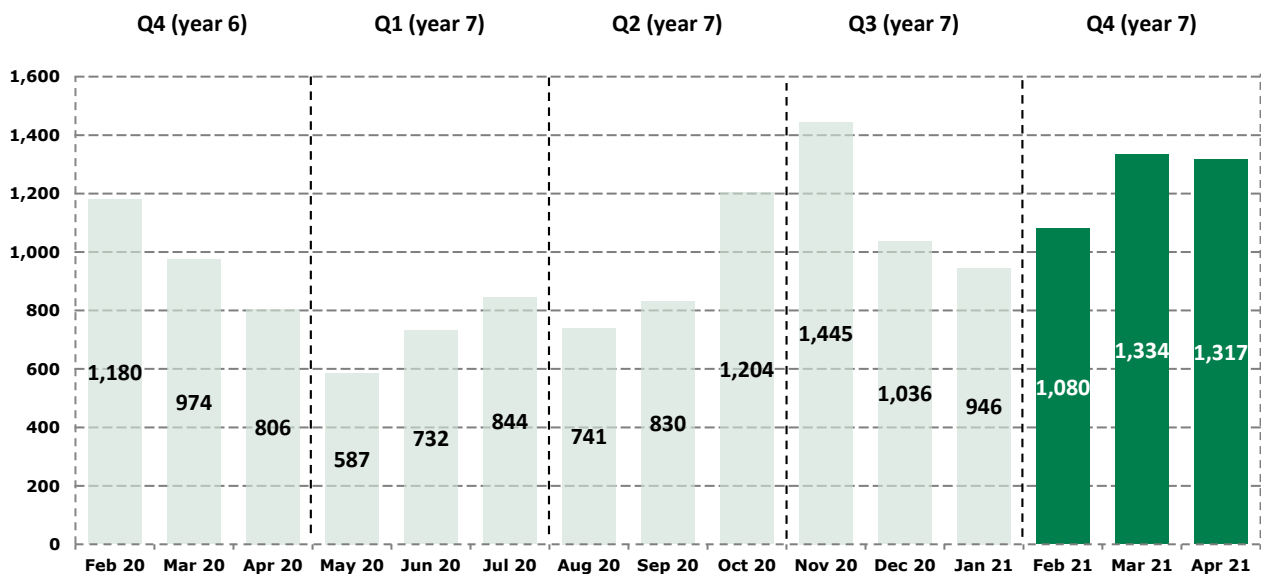
MAY 2021

Quarterly Report Issue 28

The Domestic Renewable Heat Incentive (DRHI) opened for applications on 9 April 2014 for customers across England, Scotland and Wales who install eligible renewable heating technologies in their homes. This report details scheme activity in Quarter 4 (year 7) of the Domestic RHI scheme, covering the period February to April 2021*.

Number of accreditations

Figure 1: Number of Accreditations made per month



Quarterly Accreditations

Q1 2,163

May 20 – Jul 20

Q2 2,775

Aug 20 – Oct 20

Q3 3,427

Nov 20 – Jan 21

Q4 3,731

Feb 21 – Apr 21

88,550

Total number of systems accredited to the scheme.

*As per the Domestic Renewable Heat Incentive regulations, our quarterly reports cover the following periods:

Q1: May to July

Q2: August to October

Q3: November to January

Q4: February to April

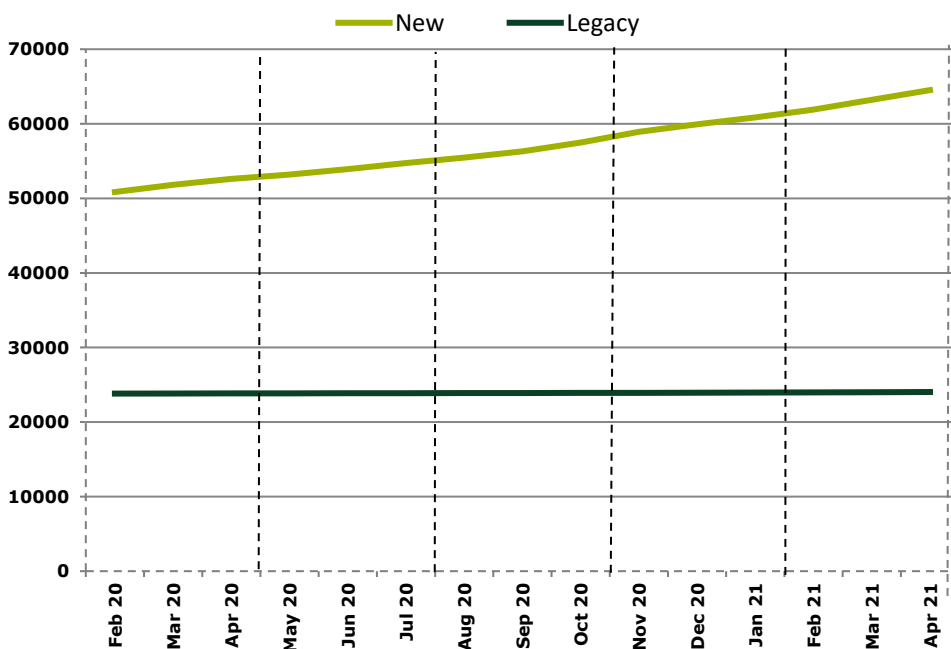
Domestic Renewable Heat Incentive

Legacy and new accreditations

Legacy accreditations are systems that were commissioned between 15 July 2009 when the RHI was first announced by DECC (now BEIS), and 9 April 2014 when the Domestic RHI scheme launched. New systems are those that were commissioned on or after 9 April 2014.

| Q4 (year 6) | | Q1 (year 7) | | Q2 (year 7) | | Q3 (year 7) | | Q4 (year 7) | |
|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| Legacy | New | Legacy | New | Legacy | New | Legacy | New | Legacy | New |
| 38 | 2,922 | 41 | 2,122 | 29 | 2,746 | 52 | 3,375 | 71 | 3,660 |

Figure 2: Cumulative Accreditations by application type

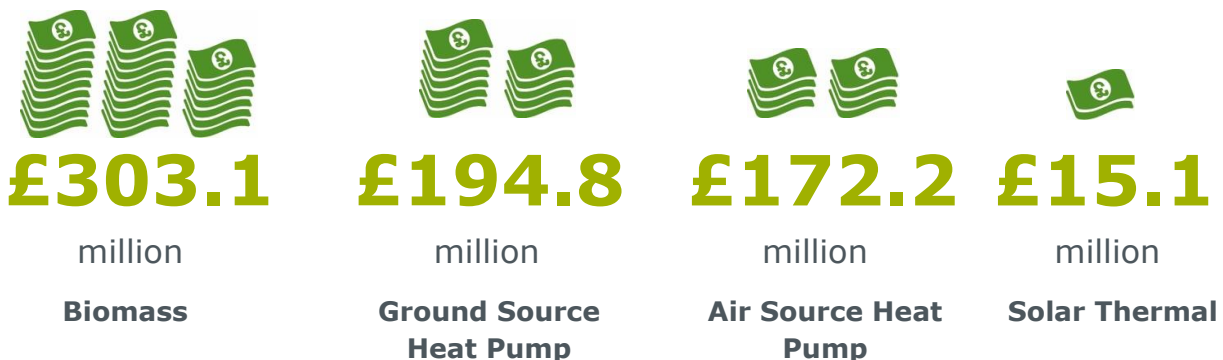


64,520
New systems accredited to the scheme in total

24,030
Legacy systems accredited to the scheme in total

Payments made to date

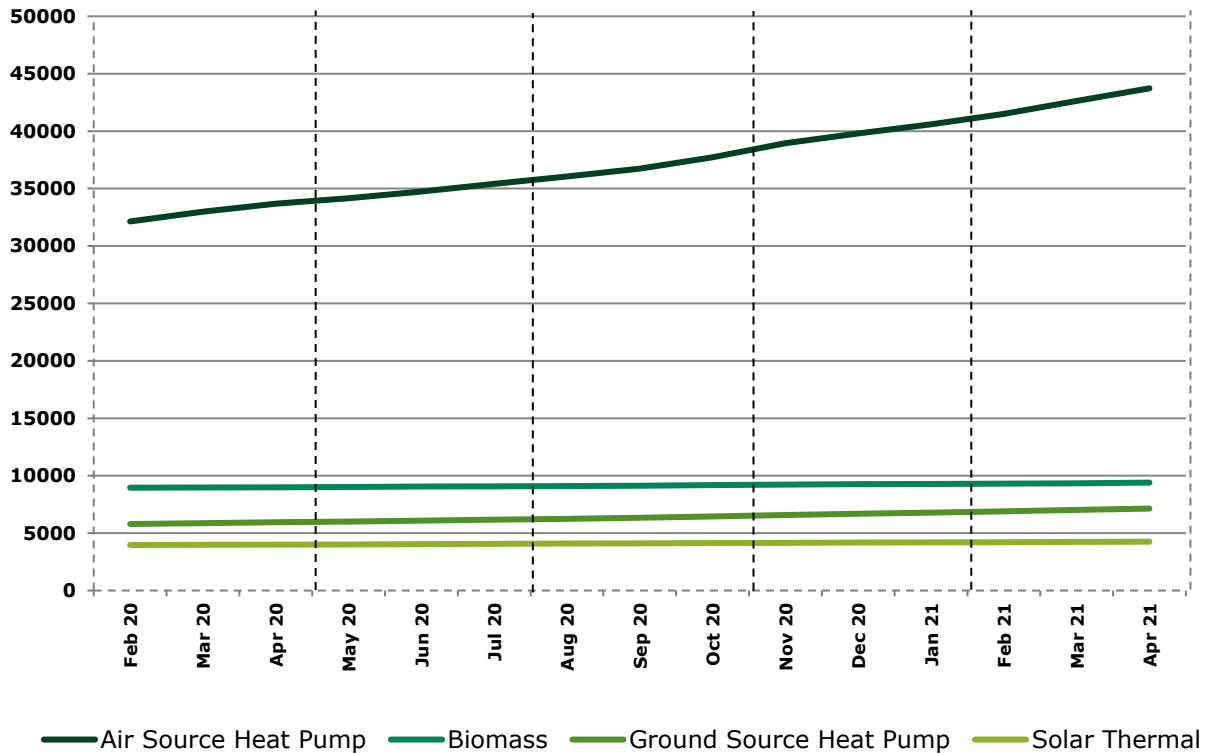
The total number of payments made to accredited systems since the scheme began, by technology type.



Accreditations by technology for new applications

The graph below shows the cumulative number of accredited systems per technology type for new systems only (systems commissioned on or after 9 April 2014). Air Source Heat Pumps continue to be the most popular technology type installed under the DRHI scheme, accounting for 85.5% of total new accreditations this quarter.

Figure 3: Cumulative Accredited System per technology type for New systems



| | | | |
|--------------------------------|------------|----------------------|------------|
| Air Source Heat Pump | | Biomass | |
| Q4 Total | Cumulative | Q4 Total | Cumulative |
| 3,128 | 43,728 | 111 | 9,397 |
| Ground Source Heat Pump | | Solar Thermal | |
| Q4 Total | Cumulative | Q4 Total | Cumulative |
| 356 | 7,137 | 65 | 4,258 |

Seasonal Performance Factors

The SPF of a heat pump is a measure of how efficiently it is operating. The higher the SPF, the more energy efficient the system is. Only heat pumps with SPFs of 2.5 or higher can be eligible for Domestic RHI. All legacy systems were automatically assigned an SPF of 2.5, unless the applicant provided SPF calculations completed by the installer.

Figure 4: Air Source Heat Pump SPF's

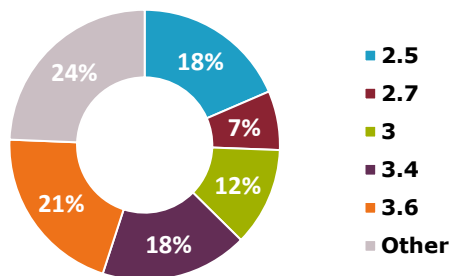
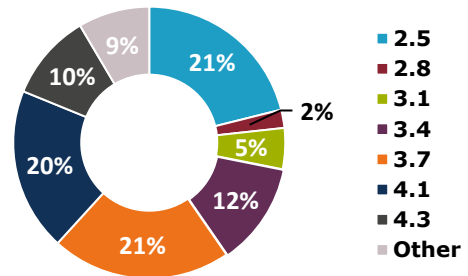


Figure 5: Ground Source Heat Pump SPF's

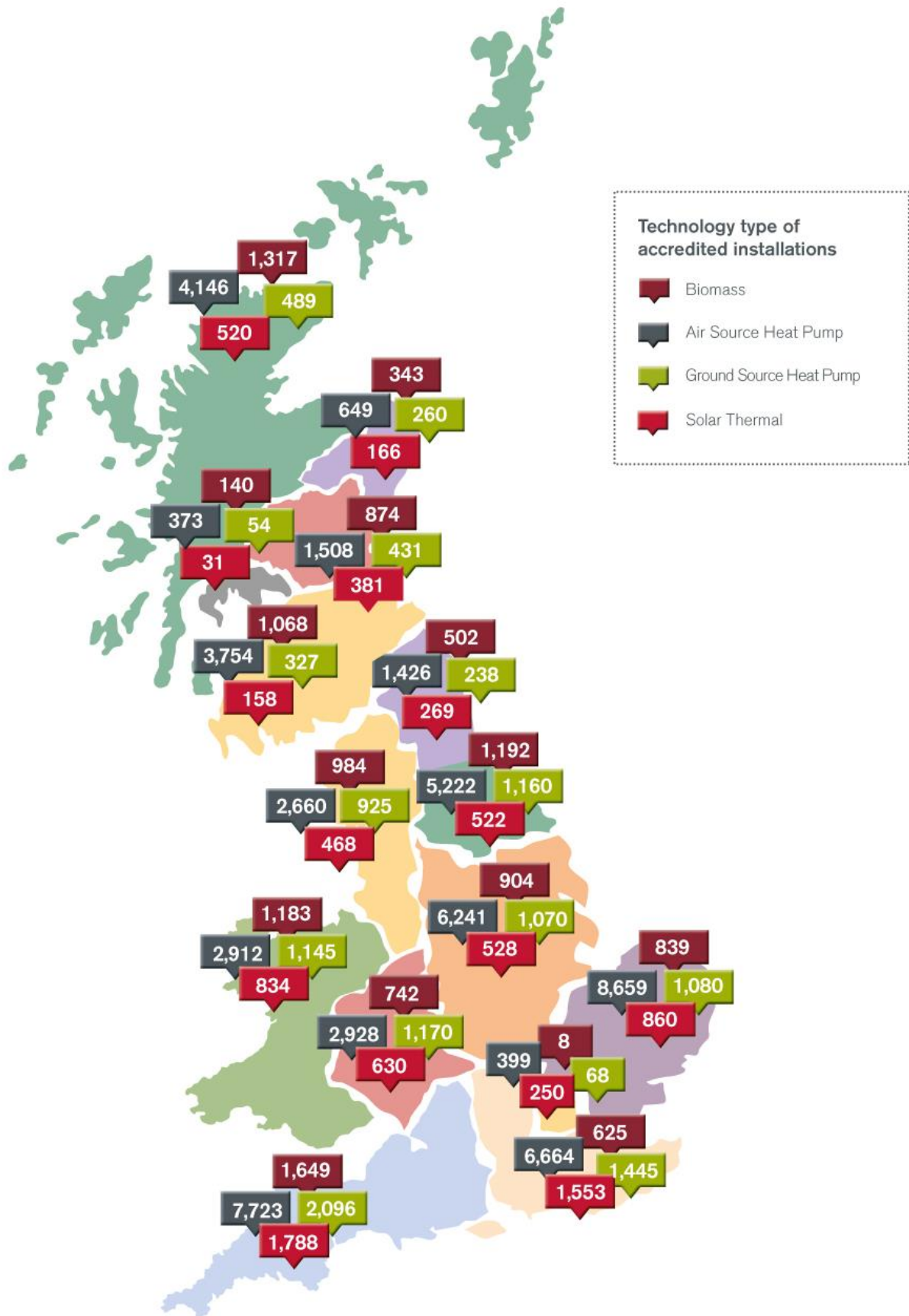


Regional distribution of accreditations

Table 1: Total accreditations per region (up to 30 April 2021)

| Location | ASHP | Biomass | GSHP | Solar Thermal | Grand Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|
| South West England | 7,723 | 1,649 | 2,096 | 1,788 | 13,256 |
| East England | 8,659 | 839 | 1,080 | 860 | 11,438 |
| South East England | 6,664 | 625 | 1,445 | 1,553 | 10,287 |
| East Midlands | 6,241 | 904 | 1,070 | 528 | 8,743 |
| Yorkshire and The Humber | 5,222 | 1,192 | 1,160 | 522 | 8,096 |
| Highlands & Islands | 4,146 | 1,317 | 489 | 520 | 6,472 |
| Wales | 2,912 | 1,183 | 1,145 | 834 | 6,074 |
| West Midlands | 2,928 | 742 | 1,170 | 630 | 5,470 |
| Southern Scotland | 3,754 | 1,068 | 327 | 158 | 5,307 |
| North West England | 2,660 | 984 | 925 | 468 | 5,037 |
| East Scotland | 1,508 | 874 | 431 | 381 | 3,194 |
| North East England | 1,426 | 502 | 238 | 269 | 2,435 |
| North East Scotland | 649 | 343 | 260 | 166 | 1,418 |
| London | 399 | 8 | 68 | 250 | 725 |
| West Central Scotland | 373 | 140 | 54 | 31 | 598 |
| Grand Total | 55,264 | 12,370 | 11,958 | 8,958 | 88,550 |

Figure 6: Regional distribution of accredited systems by technology type



Registered Social Landlords (RSLs)

In addition to homeowners, Registered Social Landlords (RSLs) are also eligible to apply for the Domestic RHI. In the last twelve months, 1,989 accreditations have been made to RSLs, 98.3% (1,956) of which are Air Source Heat Pumps.

Figure 7: RSL accreditations by technology type

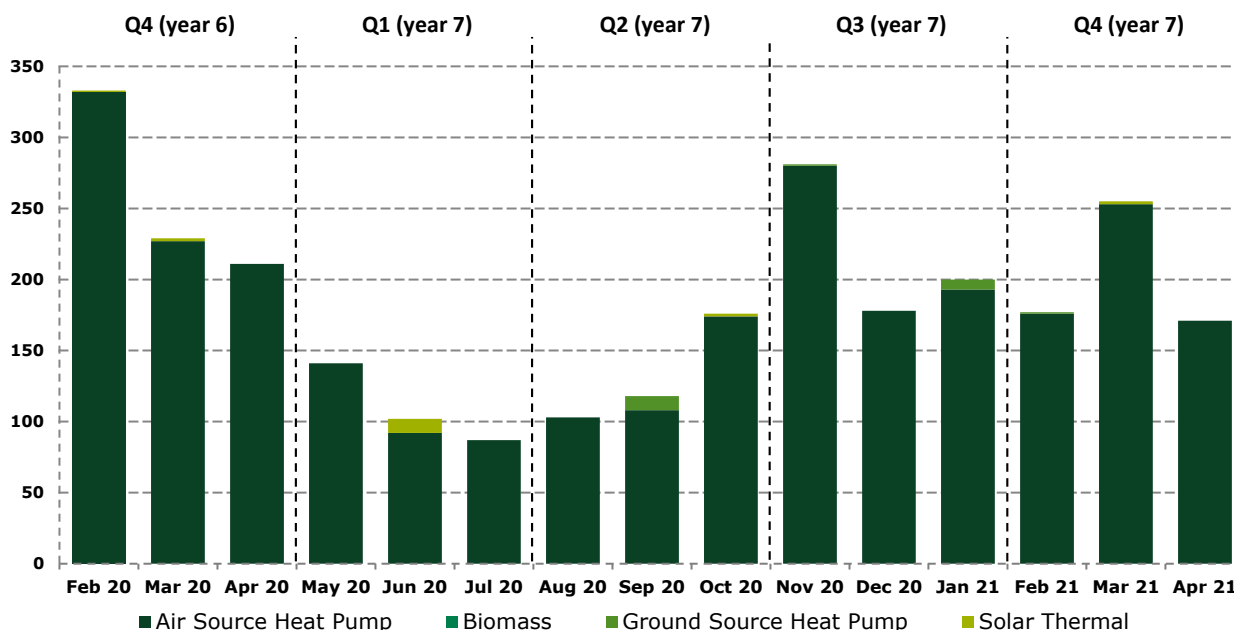


Table 2: RSL accreditations Q4 (Year 7)

| Month Accredited | ASHP | Biomass | GSHP | Solar Thermal | Total |
|----------------------|------------|----------|----------|---------------|------------|
| Feb 21 | 176 | 0 | 1 | 0 | 177 |
| Mar 21 | 253 | 0 | 0 | 2 | 255 |
| Apr 21 | 171 | 0 | 0 | 0 | 171 |
| Quarter Total | 600 | 0 | 1 | 2 | 603 |

In total, we have made over **£45.3m** of payments to Registered Social Landlords under the DRHI scheme to date.

Our Administration

- **82.9%** of applications submitted in this quarter received a decision within 30 working days.
- We estimate that accredited systems will save over **5.52 Mt** of CO₂ over the lifetime of the scheme.
- Since scheme launch, accredited systems have generated of **5,931 GWh** of renewable heat.
- If you have any questions about the content of this report, please let us know by emailing domesticRHI@ofgem.gov.uk.