

## Notice of Meeting and Agenda Investment Review Board

| Date                    | Time  | Venue  |
|-------------------------|-------|--|
| Wednesday, 07 June 2017 | 11:00 | CMR 2, Council Headquarters,<br>Renfrewshire House, Cotton Street,<br>Paisley, PA1 1AN |

KENNETH GRAHAM  
Head of Corporate Governance

### Membership

Councillor Alison Jean Dowling: Councillor John McIntyre: Councillor Iain Nicolson:

Councillor John Shaw (Convener): Councillor Jim Paterson (Depute Convener):

### Members of the Press and Public

Members of the press and public wishing to attend the meeting should report to the customer service centre where they will be met and directed to the meeting.

### Further Information

This is a meeting which is open to members of the public.

A copy of the agenda and reports for this meeting will be available for inspection prior to the meeting at the Customer Service Centre, Renfrewshire House, Cotton Street, Paisley and online at [www.renfrewshire.cmis.uk.com/renfrewshire/CouncilandBoards.aspx](http://www.renfrewshire.cmis.uk.com/renfrewshire/CouncilandBoards.aspx)

For further information, please either email [democratic-services@renfrewshire.gov.uk](mailto:democratic-services@renfrewshire.gov.uk) or telephone 0141 618 7112.

# **Items of business**

## **Apologies**

Apologies from members.

## **Declarations of Interest**

Members are asked to declare an interest in any item(s) on the agenda and to provide a brief explanation of the nature of the interest.

- |          |  |               |
|----------|--|---------------|
| <b>1</b> | <b>Minute of Previous Meeting</b>  | <b>3 - 6</b>  |
|          | Minute of previous meeting held on 23 November 2016  |               |
| <b>2</b> | <b>Introductory Briefing - Operation of the Investment Review Board and Management of Common Good Fund Investments</b>   |               |
|          | Briefing from the Head of Finance.   |               |
| <b>3</b> | <b>Information Session - Renfrewshire Investment Portfolio and the Current Economic Position</b>   |               |
|          | Briefing by David Millar, Senior Investment Consultant, Hymans Robertson LLP.  |               |
| <b>4</b> | <b>Paisley and Renfrew Common Good Funds - Review of Investment and Income Performance</b>   | <b>7 - 20</b> |
|          | Report by the Director of Finance and Resources and presentation by Gair Brisbane, Standard Life Wealth Limited on the performance of the Paisley and Renfrew Common Good Funds. |               |

## Minute of Meeting

### Investment Review Board

| Date                        | Time  | Venue  |
|-----------------------------|-------|--|
| Wednesday, 23 November 2016 | 13:00 | CMR 2, Council Headquarters, Renfrewshire House, Cotton Street, Paisley, PA1 1AN |

#### PRESENT

Councillors Bibby, Henry, J MacLaren, Holmes, and Noon.

#### IN ATTENDANCE

A MacArthur, Head of Finance and R Devine, Senior Committee Services Officer (both Finance & Resources).

#### ALSO IN ATTENDANCE

D Millar, Senior Investment Analyst, Hymans Robertson LLP and M Connor, Senior Portfolio Manager (Standard Life Wealth Limited).

#### DECLARATIONS OF INTEREST

There were no declarations of interest intimated prior to the commencement of the meeting.

## **1 MINUTE OF PREVIOUS MEETING**

There was submitted the Minute of the meeting of the Investment Review Board held on 1 June, 2016.

**DECIDED:** That the Minute be noted.

## **2 REVIEW OF STATEMENT OF INVESTMENT PRINCIPLES**

There was submitted a report by the Director of Finance & Resources relative to the Statement of Investment Principles in relation to the Paisley and Renfrew Common Good Funds.

The report indicated that the Council had arranged for the investments of the Paisley and Renfrew Common Good Funds to be managed by Standard Life Wealth Limited, and had agreed with the manager a number of principles which governed decisions regarding these investments. These principles covered a range of issues such as which benchmark should be employed against which to assess the manager's performance, and restrictions which the manager required to observe when choosing sectors or classes of asset in which to invest. The Statement of Investment Principles had last been reviewed during November 2015 and was due for review.

The report indicated that there were no proposed changes to the Statement previously approved. A copy of the Statement of Investment Principles was appended to the report.

**DECIDED:** That the Statement of Investment Principles, as amended, be approved.

## **3 INFORMATION SESSION**

There was submitted a report by D Millar, Hymans Robertson LLP, regarding the Renfrewshire investment portfolios and the current economic situation.

The report made reference to currency, bond and equity markets immediately following the EU Referendum and provided updates in terms of the current position; the cut in the base interest rate by the Bank of England from 0.5% to 0.25% and the extension of Quantitative Easing to support the UK economy; the revision downwards of growth forecasts and the anticipated higher inflation rate and larger than expected deficit as the UK negotiated its way out of the European Union. It was highlighted that, in the meantime, the UK economy had remained resilient. Mention was also made of the challenges facing Europe and their potential impact on the European economy. A further update in terms of currency, bond and equity markets was provided following the US Election.

D Millar, Senior Investment Analyst, commented on the economic and market conditions in terms of the global perspective; the performance of equities and bonds over the period to 30 September, 2016, and provided information in relation to the general performance, asset allocation and performance by asset class of the Paisley and Renfrew Common Good Funds.

There followed a question and answer session.

**DECIDED:** That the information be noted.

## **SEDERUNT**

Councillors Henry and Bibby entered the meeting during consideration of this item.

### **4 PAISLEY AND REFREW COMMON GOOD FUNDS - REVIEW OF INVESTMENT AND INCOME PERFORMANCE**

There was submitted a report by the Director of Finance & Resources relative to the performance of the Paisley and Renfrew Common Good Funds for the six-month period ending 30 September, 2016. A performance review report by Hymans Robertson LLP was appended thereto.

M Connor, Senior Investment Manager, presented a report in relation to the performance of the Paisley and Renfrew Common Good Funds to 30 September, 2016. The report provided information on the portfolio manager, world markets for the three-month period 30 June to 30 September 2016 and the one-year period 30 September, 2015 to 30 September, 2016; notable events in terms of global equities and gilts, portfolio summaries, investment guidelines, benchmark, income targets for both Common Good Funds; Fund specific allocations and performance; asset attribution and performance by asset class together with an explanation of performance calculations. Reference was also made to the uncertainty in terms of the markets following the outcome of the EU Referendum and the US Election.

Mr Connor was then heard in answer to questions from members. Following discussion it was agreed that should there be a need to make significant changes to the investment portfolio, prior to the next scheduled meeting of the Board, as a result of future economic circumstances, arising from the impact of Brexit or the US elections, arrangements be made to convene a special meeting of the Board.

**DECIDED:** That should there be a need to make significant changes to the investment portfolio, prior to the next scheduled meeting of the Board, as a result of future economic circumstances, arising from the impact of Brexit or the US elections, arrangements be made to convene a special meeting of the Board and that otherwise the reports be noted.





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**To:** Investment Review Board

**On:** 7 June 2017

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**Report by:** Director of Finance and Resources

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**Heading:** Paisley and Renfrew Common Good Funds  
six-month report to 30 September 2016

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1. **Summary**

- 1.1 Hymans Robertson LLP have been engaged by the Council to provide investment advice pertaining to the Paisley and Renfrew Common Good Funds, and to assess the performance of the Funds' investment managers, Standard Life Wealth Limited.
- 1.2 A report by Hymans Robertson LLP is attached for Members' consideration. The report provides an assessment of the performance of the Funds' investments and income levels during the six-month period ending 31 March 2017. Hymans Robertson LLP will be represented at the meeting by David Millar (Senior Investment Consultant), who will present his report to Members. The investment managers will not be present during this part of the meeting.
- 1.3 Gair Brisbane (Standard Life Wealth Limited) will then join the meeting. Mr Brisbane will give a short presentation during which there will be an opportunity for Members to question him directly in regard to his presentation and Fund performance.
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2. **Recommendations**

- 2.1 To consider the attached reports by Hymans Robertson LLP and the presentation by Standard Life Wealth Limited.
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## **Implications of the Report**

1. **Financial** – funds generated by the Investment Manager are made available for distribution through grants and other awards agreed by Local Area Committees and the Finance, Resources and Customer Services Policy Board. All funds are managed in line with the requirements of local government and charities regulations, and in line with the Statement of Investment Principles.
2. **HR & Organisational Development** - *none*
3. **Community Planning – none**
4. **Legal** - *none*
5. **Property/Assets** - *none*
6. **Information Technology** - *none*
7. **Equality & Human Rights** - the recommendations contained within this report have been assessed in relation to their impact on equalities and human rights. No negative impacts on equality groups or potential for infringement of individuals' human rights have been identified arising from the recommendations contained in the report. If required following implementation, the actual impact of the recommendations and the mitigating actions will be reviewed and monitored, and the results of the assessment will be published on the Council's website.
8. **Health & Safety** - *none*
9. **Procurement** – *none*
10. **Risk** – the Statement of Investment Principles outlines a medium level of risk to be adopted by the Investment Manager.
11. **Privacy Impact** - *none*

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**Author:** Alastair MacArthur, Ext 7363



# Renfrewshire Council Common Good Funds

Review of Investment Managers' Performance for the 6 Months to 31 March 2017

**Prepared by:**

David Millar - Associate Consultant  
Allison Galbraith - Investment Consultant

For and on behalf of Hymans Robertson LLP  
**May 2017**

## Contents

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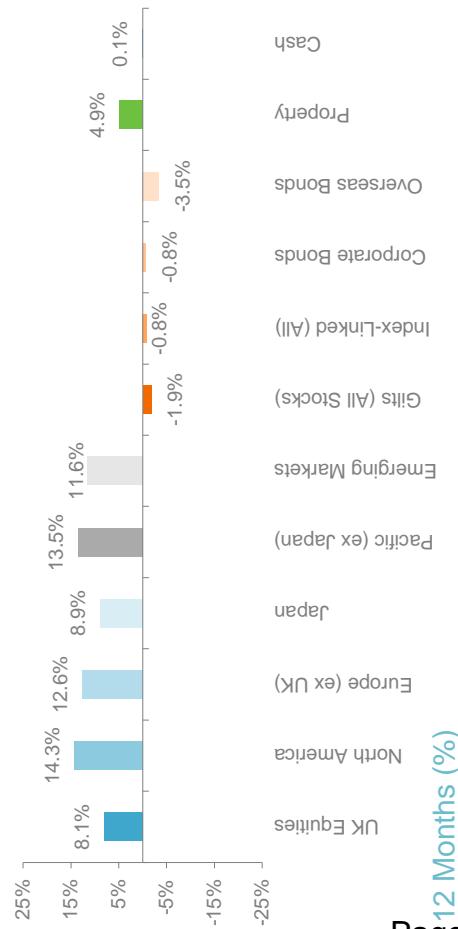
|  |   |              |
|--|---|--------------|
| Markets  | Historic Returns for World Markets to 31 March 2017                                       | 3            |
| Portfolio Summary                              | Paisley Common Good Fund<br>Renfrew Common Good Fund                                      | 4<br>5       |
| Fund Specific Asset Allocation and Performance | Paisley Common Good Fund<br>Renfrew Common Good Fund                                      | 6<br>7       |
| Appendices                                     | Asset Allocation<br>Performance by Asset Class<br>Explanation of Performance Calculations | 8<br>9<br>10 |

Please note the value of investments, and income from them, may fall as well as rise. This includes equities, government or corporate bonds, and property, whether held directly or in a pooled or collective investment vehicle. Further, investments in developing or emerging markets may be more volatile and less marketable than in mature markets. Exchange rates may also affect the value of an investment. As a result, an investor may not get back the amount originally invested. Past performance is not necessarily a guide to future performance.

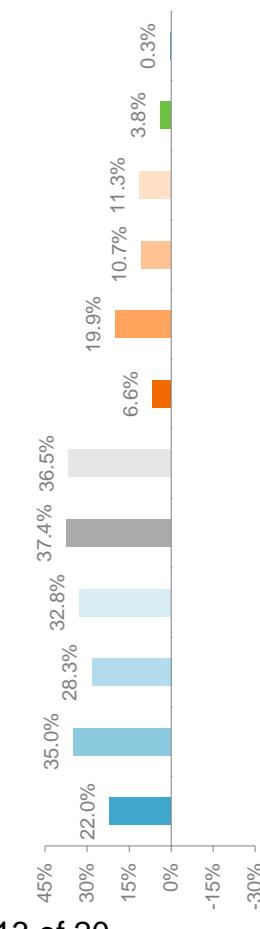
Hymans Robertson LLP, has relied upon third parties and may use internally generated estimates for the provision of data quoted, or used, in the preparation of this report. Whilst every effort has been made to ensure the accuracy of such estimates or data, we cannot accept responsibility for any loss arising from their use.

## Historic Returns for World Markets to 31 March 2017

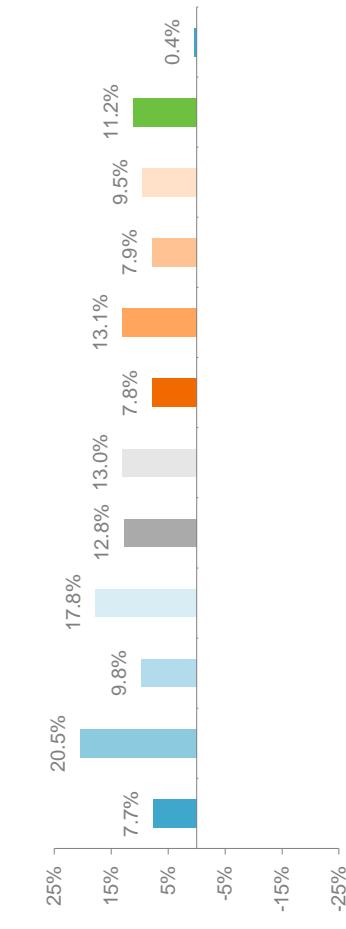
### 6 Months (%)



### 12 Months (%)



### 3 Years (% p.a.)



### Market Comments

Survey data suggested sustained strength in business conditions over the period. The Global Manufacturing PMI index remained at its highest level for almost six years in March. Official economic releases suggested a more subdued outlook.

The US Federal Reserve raised US interest rates twice over the period, to a range of 0.75%-1% p.a. by the end of March 2017. Although the second increase was sooner than markets had expected at the start of 2017, it came as no surprise by the time it happened.

A resilient post-referendum performance from the UK economy and some fiscal easing lowered expectations that the Bank of England will cut interest rates again in the short term.

Headline inflation reached 2% or higher in the US, Eurozone and UK by the end of the period. February's UK CPI inflation of 2.3% was the highest level since September 2013.

OPEC and non-OPEC oil-producing nations agreed at the end of November 2016 to cut production of oil by 600,000 barrels per day. These cuts seemed to be holding into 2017, but much of the benefit was offset by resurgent US shale oil production. Brent crude rose overall from \$49 to \$53 a barrel – over the period.

US Treasury Bond yields moved sharply higher following the Presidential election and have traded in a narrow range since December. 10-year yields rose from 1.6% p.a. to 2.4% p.a. over the period. The rise in equivalent gilt yields was more modest – from 0.8% p.a. to 1.1% p.a.

Yield spreads in global credit markets continued to narrow, towards levels last seen in mid-2014 before the oil price collapse. Performance in sterling investment-grade markets was more subdued. Here, yield spreads on corporate bonds were broadly unchanged.

Higher interest rates supported the US dollar, which was the strongest of the major currencies towards the end of 2016. Currency markets were broadly stable in the first quarter of 2017.

Global equities had a subdued start to the period before responding positively to the US election. In January, global equity indices surpassed 2015's all-time highs in local currency terms and ended the period just below March's best levels.

The strongest global equity sectors were Financials (+19.6%) and Technology (+17.3%), while the weakest were the more defensive sectors of Health Care (+6.3%) and Telecoms (4.1%).

UK commercial property values started to recover modestly from the post-referendum downturn. Industrials, of the traditional sectors and Leisure, of the newer specialist sectors, had the best short-term momentum.

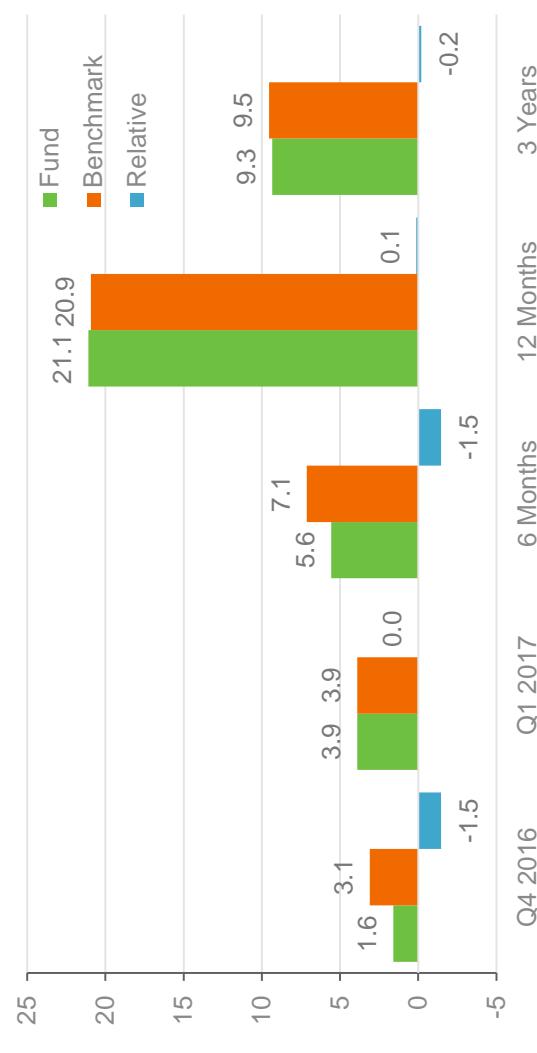
### Paisley Common Good Fund: Portfolio Summary

#### Valuation Summary

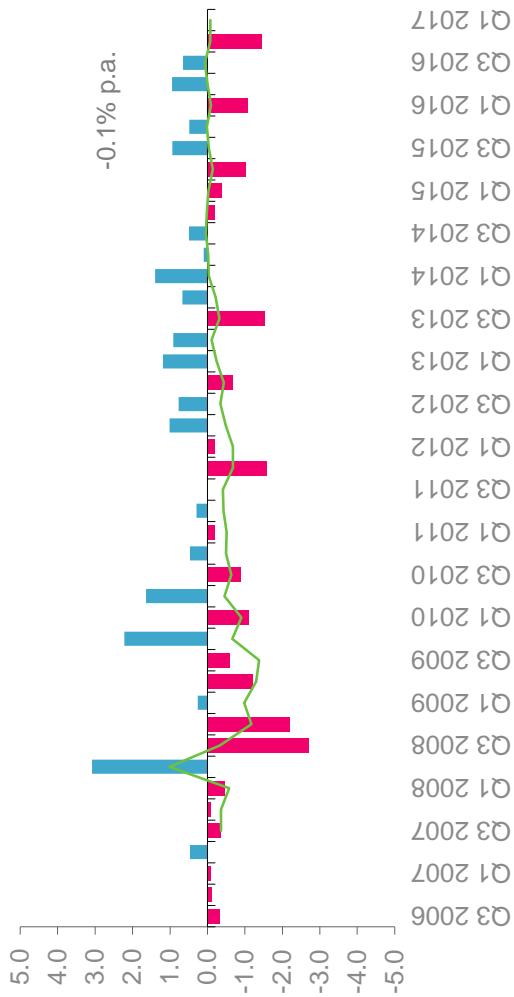
|                        | 30/09/2016   | Values (£m)  | 31/03/2017    | Actual Proportion % | Target Proportion % | Difference % | (Standard Life) Estimated Annual Income | 31/03/2017      | Target          |
|------------------------|--------------|--------------|---------------|---------------------|---------------------|--------------|---|-----------------|-----------------|
|                        | 30/09/2016   |              |               | 30/09/2016          | 29/12/2016          |              |   |                 |                 |
| UK Equities            | 1.753        | 1.842        | 46.4          | 60.0                | -13.6               | -14.6        |   |                 |                 |
| International Equities | 1.348        | 1.373        | 34.6          | 20.0                |                     |              |   |                 |                 |
| UK Bonds               | 0.513        | 0.502        | 12.6          | 18.0                | -5.4                |              |   |                 |                 |
| International Bonds    | 0.120        | 0.117        | 3.0           | 0.0                 | 3.0                 |              |   |                 |                 |
| Property               | 0.000        | 0.000        | 0.0           | 0.0                 |                     |              |   |                 |                 |
| Cash/Other             | 0.084        | 0.134        | 3.4           | 2.0                 | 0.0                 | 1.4          |   |                 |                 |
| <b>Total</b>           | <b>3.818</b> | <b>3.968</b> | <b>100.0%</b> | <b>100.0%</b>       |                     |              |   |                 |                 |
|                        |              |              |               |                     |                     |              | <b>£136,856</b>                         | <b>£137,219</b> | <b>£148,727</b> |
|                        |              |              |               |                     |                     |              |   |                 | <b>£102,700</b> |

Estimated income includes UK equity dividends on a net, cash received, basis.

#### Performance Summary



#### Relative Quarterly and Relative Cumulative Performance



## Renfrewshire Council Common Good Funds

Hymans Robertson LLP

### Renfrew Common Good Fund: Portfolio Summary

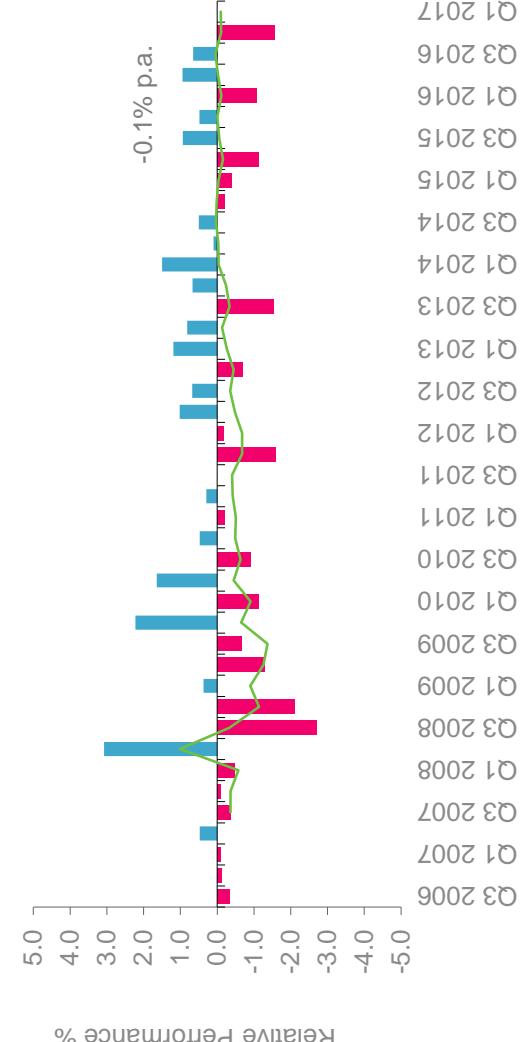
#### Valuation Summary

|                        | Values (£m)   | 31/03/2017    | Actual Proportion % | Target Proportion % | Difference %  | (Standard Life) Estimated Annual Income | Target          |                     |
|------------------------|---------------|---------------|---------------------|---------------------|---------------|---|-----------------|---------------------|
|                        | 30/09/2016    |               |                     |                     |               | 30/09/2016                              | 29/12/2016      | 31/03/2017          |
| UK Equities            | 5.927         | 6.217         | 46.4                | 60.0                | -13.6         |   |                 |                     |
| International Equities | 4.566         | 4.657         | 34.7                | 20.0                | 14.7          |   |                 |                     |
| UK Bonds               | 1.748         | 1.708         | 12.7                | 18.0                | -5.3          |   |                 |                     |
| International Bonds    | 0.399         | 0.391         | 2.9                 | 0.0                 | 2.9           |   |                 |                     |
| Property               | 0.000         | 0.000         | 0.0                 | 0.0                 | 0.0           |   |                 |                     |
| Cash/Other             | 0.256         | 0.435         | 3.2                 | 2.0                 | 1.2           |   |                 |                     |
| <b>Total</b>           | <b>12.896</b> | <b>13.407</b> | <b>100.0%</b>       | <b>100.0%</b>       | <b>100.0%</b> | <b>£461,209</b>                         | <b>£451,546</b> | <b>£ 503,372.00</b> |
|                        |               |               |                     |                     |               |   |                 | <b>£346,000</b>     |

Estimated income includes UK equity dividends on a net, cash received, basis.

### Performance Summary

#### Relative Quarterly and Relative Cumulative Performance



## Paisley Common Good Fund: Allocation and Performance

### Commentary on Paisley Common Good Fund

The Fund, in aggregate, returned 5.6% between end September 2016 (the effective date of the immediately preceding report) and end March 2017; over the same period, the benchmark achieved a return of 7.1%. Whilst providing a strong return in absolute terms, the underperformance over the 6 month period was mostly attributable to the more stable / defensive nature of the equity holdings. In the final quarter of 2016 in particular, more cyclical / economically sensitive stocks performed better.

Since the inception of the mandate, on 1 July 2006, the Fund return of +7.2% p.a. broadly matched the benchmark return of +7.3% p.a. Throughout this time, the investment manager has met a demanding income target.

As at end March 2017, the allocation to equities (81.0%) was modestly above the benchmark allocation (80%). The portfolio continues to be underweight in UK equities and overweight in overseas equities. This reflects the investment manager's global investment perspective. The exposure to bonds was 15.6% at end March 2017 compared with the benchmark of 18% and a minimum allocation of 15%. The allocation to cash at end March 2017 was 3.4% (1.4% above the benchmark allocation) compared with 2.2% at the end September 2016.

Over the 6 month period to end March 2017, equities continued to perform strongly and have been the main driver of portfolio return. The positive market momentum of 2016 carried on into the first quarter of 2017. Sterling depreciation, which was a factor in 2016, stabilised in 2017 but has boosted the returns from overseas equities for sterling investors. The manager's overweight position to equities has been beneficial as equities have been the strongest performing asset class and within equities the overweight position to overseas equities has been beneficial.

Quarter 4 saw pressure on bond prices with some inflationary pressures in the economy resulting in falling bond prices in the latter stages of the year (following a sustained period of rising prices). However, in the first quarter of 2017, bonds appreciated in value recouping some of those falls as investors continued to look to bonds for income in an environment of continuing low interest rates. Over the whole 6 month period under review, bond returns were modestly negative in absolute terms. The manager holds approximately half of the portfolio's bond holdings in corporate bonds which outperformed government gilts over the 6 months.

Questions for the investment manager;

What is the latest news on the merger of Standard Life and Aberdeen Asset Management?

What aspects of the portfolio can protect against political and economic news flow which can lead to market volatility?

What is the rationale for the modest increase in the cash holding?

### Performance Summary

|           | Paisley CGF  |                |          |
|-----------|--------------|----------------|----------|
|           | 6 Months (%) | Fund Benchmark | Relative |
| Fund      | 5.6          | 7.1            | -1.5     |
| Benchmark |              |                |          |
| Relative  |              |                |          |

|           | 12 Months (%) |           |          |
|-----------|---------------|-----------|----------|
|           | Fund          | Benchmark | Relative |
| Fund      | 21.1          | 20.9      | 0.1      |
| Benchmark |               |           |          |
| Relative  |               |           |          |

|           | 3 years (%) |           |          |
|-----------|-------------|-----------|----------|
|           | Fund        | Benchmark | Relative |
| Fund      | 9.3         | 9.5       | 0.2      |
| Benchmark |             |           |          |
| Relative  |             |           |          |

|           | Since Inception (% p.a.)<br>(1 July 2006) |           |          |
|-----------|---|-----------|----------|
|           | Fund                                      | Benchmark | Relative |
| Fund      | 7.2                                       | 7.3       | -0.1     |
| Benchmark |   |           |          |
| Relative  |   |           |          |

## **Renfrew Common Good Fund: Allocation and Performance**

### **Commentary on Renfrew Common Good Fund**

The Fund, in aggregate, returned 5.5% between end September 2016 (the effective date of the immediately preceding report) and end March 2017; over the same period, the benchmark achieved a return of 7.1%. Whilst providing a strong return in absolute terms, the underperformance over the 6 month period was mostly attributable to the more stable / defensive nature of the equity holdings. In the final quarter of 2016 in particular, more cyclical / economically sensitive stocks performed better.

Since the inception of the mandate, on 1 July 2006, the Fund return of +7.2% p.a. broadly matched the benchmark return of +7.3% p.a. Throughout this time, the investment manager has met a demanding income target.

As at end March 2017, the allocation to equities (81.1%) was modestly above the benchmark allocation (80%). The portfolio continues to be underweight in UK equities and overweight in overseas equities. This reflects the investment manager's global investment perspective. The exposure to bonds was 15.6% at end March 2017 compared with the benchmark of 18% and a minimum allocation of 15%. The allocation to cash at end March 2017 was 3.4% (1.4% above the benchmark allocation) compared with 2.0% at the end September 2016.

Over the 6 month period to end March 2017, equities continued to perform strongly and have been the main driver of portfolio return. The positive market momentum of 2016 carried on into the first quarter of 2017. Sterling depreciation, which was a factor in 2016, stabilised in 2017 but has boosted the returns from overseas equities for sterling investors. The manager's overweight position to equities has been beneficial as equities have been the strongest performing asset class and within equities the overweight position to overseas equities has been beneficial.

Quarter 4 saw pressure on bond prices with some inflationary pressures in the economy resulting in falling bond prices in the latter stages of the year (following a sustained period of rising prices). However, in the first quarter of 2017, bonds appreciated in value recouping some of those falls as investors continued to look to bonds for income in an environment of continuing low interest rates. Over the whole 6 month period under review, bond returns were modestly negative in absolute terms. The manager holds approximately half of the portfolio's bond holdings in corporate bonds which outperformed government gilts over the 6 months.

Questions for the investment manager;

What is the latest news on the merger of Standard Life and Aberdeen Asset Management?

What aspects of the portfolio can protect against political and economic news flow which can lead to market volatility?

What is the rationale for the modest increase in the cash holding?

### **Performance Summary**

|              | <b>Renfrew CGF</b> | <b>Performance Summary</b> |
|--------------|--------------------|----------------------------|
| 6 Months (%) | 5.5                | Fund                       |
| Benchmark    | 7.1                | Benchmark                  |
| Relative     | -1.6               |                            |

|               | <b>Renfrew CGF</b> | <b>Performance Summary</b> |
|---------------|--------------------|----------------------------|
| 12 Months (%) | 21.0               | Fund                       |
| Benchmark     | 20.9               | Benchmark                  |
| Relative      | 0.0                |                            |

|             | <b>Renfrew CGF</b> | <b>Performance Summary</b> |
|-------------|--------------------|----------------------------|
| 3 years (%) | 9.3                | Fund                       |
| Benchmark   | 9.5                | Benchmark                  |
| Relative    | -0.3               |                            |

|   | <b>Renfrew CGF</b> | <b>Performance Summary</b> |
|---|--------------------|----------------------------|
| Since Inception (% p.a.)<br>(1 July 2006) | 7.2                | Fund                       |
| Benchmark                                 | 7.3                | Benchmark                  |
| Relative                                  | -0.1               |                            |

## Appendix 1: Asset Allocation

### Paisley Common Good Fund

Asset Allocation  
30 September 2016

| Asset Class            | Benchmark     | Fund          | Difference  |
|------------------------|---------------|---------------|-------------|
| UK Equities            | 60.0%         | 45.9%         | -14.1%      |
| International Equities | 20.0%         | 35.3%         | 15.3%       |
| UK Bonds               | 18.0%         | 13.4%         | -4.6%       |
| International Bonds    | 0.0%          | 3.1%          | 3.1%        |
| Property               | 0.0%          | 0.0%          | 0.0%        |
| Cash/Other             | 2.0%          | 2.2%          | 0.2%        |
| <b>Total</b>           | <b>100.0%</b> | <b>100.0%</b> | <b>0.0%</b> |

Asset Allocation  
31 March 2017

| Asset Class            | Benchmark     | Fund          | Difference  |
|------------------------|---------------|---------------|-------------|
| UK Equities            | 60.0%         | 20.0%         | -40.0%      |
| International Equities | 18.0%         | 34.6%         | 16.6%       |
| UK Bonds               | 13.4%         | 12.6%         | -0.8%       |
| International Bonds    | 3.1%          | 3.0%          | -0.1%       |
| Property               | 0.0%          | 0.0%          | 0.0%        |
| Cash/Other             | 2.2%          | 3.4%          | 1.2%        |
| <b>Total</b>           | <b>100.0%</b> | <b>100.0%</b> | <b>0.0%</b> |

Renfrew Common Good Fund  
Asset Allocation  
30 September 2016

| Asset Class            | Benchmark     | Fund          | Difference  |
|------------------------|---------------|---------------|-------------|
| UK Equities            | 60.0%         | 46.0%         | -14.0%      |
| International Equities | 20.0%         | 35.4%         | 15.4%       |
| UK Bonds               | 18.0%         | 13.6%         | -4.4%       |
| International Bonds    | 0.0%          | 3.1%          | 3.1%        |
| Property               | 0.0%          | 0.0%          | 0.0%        |
| Cash/Other             | 2.0%          | 2.0%          | 0.0%        |
| <b>Total</b>           | <b>100.0%</b> | <b>100.0%</b> | <b>0.0%</b> |

Asset Allocation  
31 March 2017

| Asset Class            | Benchmark     | Fund          | Difference  |
|------------------------|---------------|---------------|-------------|
| UK Equities            | 60.0%         | 20.0%         | -40.0%      |
| International Equities | 18.0%         | 34.7%         | 16.7%       |
| UK Bonds               | 13.6%         | 12.7%         | -0.9%       |
| International Bonds    | 3.1%          | 2.9%          | -0.2%       |
| Property               | 0.0%          | 0.0%          | 0.0%        |
| Cash/Other             | 2.0%          | 3.2%          | 1.2%        |
| <b>Total</b>           | <b>100.0%</b> | <b>100.0%</b> | <b>0.0%</b> |



## Appendix 2: Performance by Asset Class

### Paisley Common Good Fund

|                     | Fund % | 6 months<br>Benchmark % | Fund % | 12 months<br>Benchmark % | Contribution to<br>Absolute Return<br>6 months % | Contribution to<br>Relative Return<br>6 months % |
|---------------------|--------|-------------------------|--------|--------------------------|--|--|
| UK Gov't Bonds      | -3.4   | -1.9                    | 7.9    | 6.6                      | -0.2   | -0.1   |
| Corporate Bonds     | 0.6    | -1.1                    | 10.6   | 9.3                      | 0.0  | 0.2  |
| International Bonds | -0.5   | -3.4                    | 7.4    | 2.4                      | 0.0  | 0.1  |
| UK Equities         | 7.7    | 8.1                     | 25.4   | 22.0                     | 3.6  | -0.1   |
| Overseas Equities   | 11.0   | 13.3                    | 29.9   | 33.8                     | 3.8  | -0.7   |
| Total Assets        | 5.6    | 7.1                     | 21.1   | 20.9                     |  |  |

### Renfrew Common Good Fund

|                     | Fund % | 6 months<br>Benchmark % | Fund % | 12 months<br>Benchmark % | Contribution to<br>Absolute Return<br>6 months % | Contribution to<br>Relative Return<br>6 months % |
|---------------------|--------|-------------------------|--------|--------------------------|--|--|
| UK Gov't Bonds      | -3.4   | -1.9                    | 7.9    | 6.6                      | -0.2   | -0.1   |
| Corporate Bonds     | 0.4    | -1.1                    | 11.0   | 9.3                      | 0.0  | 0.2  |
| International Bonds | -0.5   | -3.4                    | 7.4    | 2.4                      | 0.0  | 0.1  |
| UK Equities         | 7.7    | 8.1                     | 25.4   | 22.0                     | 3.6  | -0.1   |
| Overseas Equities   | 11.0   | 13.3                    | 29.9   | 33.8                     | 3.8  | -0.7   |
| Total Assets        | 5.5    | 7.1                     | 21.0   | 20.9                     |  |  |



## **Appendix 3: Explanation of Performance Calculations**

Hymans Robertson are among the investment professionals who calculate relative performance geometrically as follows:

$$((1 + \text{Fund Performance}) / (1 + \text{Benchmark Performance})) - 1$$

Some industry practitioners use the simpler arithmetic method as follows:

Fund Performance - Benchmark Performance

The following example illustrates the shortcomings of the arithmetic method in comparing short term relative performance with the longer term picture :

| <b>Arithmetic Method</b> | <b>Fund Performance</b> | <b>Benchmark Performance</b> | <b>Relative Performance</b> |
|--------------------------|-------------------------|------------------------------|-----------------------------|
| Quarter 1                | 7.0%                    | 2.0%                         | 5.00%                       |
| Quarter 2                | 28.0%                   | 33.0%                        | -5.00%                      |
| Linked 6 months          |                         |                              | -0.25%                      |
| 6 month performance      | 37.0%                   | 35.7%                        | 1.30%                       |

- If fund performance is measured quarterly, there is a relative underperformance of 0.25% over the six month period.
- If fund performance is measured half yearly, there is a relative outperformance of 1.3% over the six month period.
- The arithmetic method makes it difficult to compare long term relative performance with shorter term relative performance.

| <b>Geometric Method</b> | <b>Fund Performance</b> | <b>Benchmark Performance</b> | <b>Relative Performance</b> |
|-------------------------|-------------------------|------------------------------|-----------------------------|
| Quarter 1               | 7.0%                    | 2.0%                         | 4.90%                       |
| Quarter 2               | 28.0%                   | 33.0%                        | -3.76%                      |
| Linked 6 months         |                         |                              | 0.96%                       |
| 6 month performance     | 37.0%                   | 35.7%                        | 0.96%                       |

- If fund performance is measured quarterly, there is a relative outperformance of 0.96% over the six month period.
- If fund performance is measured half yearly, an identical result is produced.
- The geometric method therefore makes it possible to directly compare long term relative performance with shorter term relative performance.