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     TEACHERS' RETIREMENT SYSTEM OF THE CITY OF NEW YORK
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 3
                      INVESTMENT MEETING
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 5
                       November 2, 2023
 6
                          10:09 a.m.
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                      Remote Proceeding
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                      New York, New York
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                       William Montague
                       Digital Reporter
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              Notary Commission No. 01M00009174
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0002
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                           APPEARANCES:
     PATRICIA REILLY, EXECUTIVE DIRECTOR, TEACHERS
     RETIREMENT SYSTEM
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     THOMAS BROWN, CHAIRPERSON, TRUSTEE
    KEVIN LIU, TRUSTEE, MAYOR'S OFFICE
 5
     ANTHONY GIORDANO, TRUSTEE, PANEL FOR EDUCATIONAL
 6
    POLICIES
    ALISON HIRSH, TRUSTEE, COMPTROLLER'S OFFICE
 7
   DAVID KAZANSKY, TRUSTEE
   VICTORIA LEE, TRUSTEE
 9
10
    Also Present:
    JOHN DORSA, COMPTROLLER'S OFFICE
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12
   MAREK TYSZKIEWICZ, CHIEF ACTUARY
    VALERIE BUDZIK, TEACHERS' RETIREMENT SYSTEM
13
    RON SWINGLE, TEACHERS' RETIREMENT SYSTEM
14
    ISAAC GLOVINSKY, TEACHERS' RETIREMENT SYSTEM
15
16
   MICHAEL GARLAND, COMPTROLLER'S OFFICE
17
     JOHN MERSEBURG, BUREAU OF ASSET MANAGEMENT
18
    STEVE MEIER, BUREAU OF ASSET MANAGEMENT
19 AMANDA JANUSZ, ROCATON
20 DEVON ALEXANDER, ROCATON
21
    CATARINA MOURA
22
    GREGG GETHARD
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HARRY TYQUIN, BUREAU OF ASSET MANAGEMENT
24
    KATE VISCONTI, COMPTROLLER'S OFFICE
25
    MITCH FIELDING, BUREAU OF ASSET MANAGEMENT
0003
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    WILFREDO SUAREZ, BUREAU OF ASSET MANAGEMENT
    MICHAEL FULVIO, ROCATON
    KOMIL ATAEV, TEACHERS' RETIREMENT SYSTEM
 3
    JOHN ADLER
 5
    PRISCILLA BAILEY, TEACHERS' RETIREMENT SYSTEM
    GEORGE GU, BUREAU OF ASSET MANAGEMENT
 7
    JAMES MAINA, STEPSTONE
    ARISTEA AFTOUSMIS, TEACHERS' RETIREMENT SYSTEM
   MORAIMA PARES, BUREAU OF ASSET MANAGEMENT
 9
10
    DAVID LEVINE, ESQUIRE, GROOM LAW GROUP
    BLAIR BARBERINO, BUREAU OF ASSET MANAGEMENT
11
    TAFFI AYODELE, OFFICE OF THE COMPTROLLER
    PETYA NIKOLOVA, BUREAU OF ASSET MANAGEMENT
13
14
    GEREMY KAWALLER, BLACKROCK
15
   REBECCA LEWINSON, BLACKROCK
16 PATRICK EWANE, BLACKROCK
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   LULU YUAN, BLACKROCK
18
    YING LIN
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               (The proceedings commenced at 10:09 a.m.)
              MS. REILLY: Good morning. Welcome to the
   Investment Meeting of the Teacher's Retirement Board for
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    November 2nd, 2023.
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               I'll start by calling the roll. Kevin Liu?
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              MR. LIU: Kevin Liu representing Mayor Adams.
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              MS. REILLY: Thomas Brown?
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              CHAIR BROWN: Good morning, Patricia.
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    Present.
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              MS. REILLY: Anthony Giordano?
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              MR. GIORDANO: Tony Giordano present
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    representing PEP Chair Gregory Faulkner.
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              MS. REILLY: Alison Hirsh?
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              MS. HIRSH: Alison Hirsh here representing
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    Comptroller Brad Lander.
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              MS. REILLY: David Kazansky?
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              MR. KAZANSKY: Present.
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              MS. REILLY: Victoria Lee?
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              MS. LEE: Present.
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              MS. REILLY: We have a quorum. I will turn
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   it over to the Chair.
              CHAIR BROWN: Good morning, everybody.
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     start today's meeting with the Passport Funds September
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     2023 Performance Review, and I think Rocaton will take
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25 it from here. 0005 1 MR.FULVIO: Thank you. Good 2 morning. I'll pass it over to Amanda, who's joining us 3 soon. 4 MS. JANUSZ: Hello, everyone. 5 CHAIR BROWN: Good morning, Amanda. 6 MS. JANUSZ: There we go. All right. 7 month of September has a reputation of being a negative month for market performance, and unfortunately, that 9 did hold true for September of '23. 10 In terms of the market backdrop, we had 11 inflation continuing to moderate, which was positive. 12 The Fed, during their September meeting, held their rate 13 steady, but did revise upward their median forecast for 14 where rates will end at year end 2024, sort of 15 reinforcing this higher for longer expectation. 16 We also saw 10-year yields continuing to move 17 higher, higher oil prices, and we also did ultimately 18 avoid but for a while were in limbo around a potential 19 government shutdown. So with that as our backdrop, we 20 did see risk assets sold off pretty much across the 21 board, and you could see that here in the September 22 results of the Passport Funds for the month of 23 September, all in negative territory, although, you 24 know, low to mid single digits here for the Diversified 25 Equity Fund, down around 4-and-a-half percent for the 0006 1 month of September, with US equities a little bit harder 2 hit than international during September, all down in 3 sort of mid 3 to 4 percent range, although still solidly positive year to date. You can see those returns 5 calendar year to date through the end of September for the Diversified Equity Fund up over 10 percent. 7 For the month, your best performing option was the Balanced Fund, not surprisingly is the most 9 conservative option in the Passport Funds. Was still a 10 negative territory down around 1.6 percent, although 11 positive year to date, close to a 4 percent return. 12 And then the Sustainable Equity Fund, on the 13 flip side of that, was the worst performing fund for the 14 month of September. A little bit more aggressive, 15 certainly, than the Balanced option, although that fund 16 has had a very strong year up until this point, and you 17 can see that reflected in the year to date returns, that fund up close to 21-and-a-half percent calendar year to 18 19 date through the end of 9/30. 20 So overall, for both the month and the third 21 quarter, which you can see reflected in that three-month 22 period, negative returns across the board for each of 23 the Passport Funds, although modestly, and on a year to 24 date basis, still in very strongly positive territory

25 0007 across the board.

I'll pause there and see if there's questions. 2 CHAIR BROWN: Any questions for Amanda? Thank 3 you, Amanda, appreciate it. Move on to the October 2023 Market Performance 4 5 Update. Rocaton? 6 MR. ALEXANDER: Thank you, Tom. 7 CHAIR BROWN: Thank you, Devon. 8 MR. ALEXANDER: Continuing with the theme from 9 Amanda on September, October continued to also be a challenging month for investors as well, as we saw the 10 11 clients across all major asset classes. For the month, 12 we saw a Global Market Composite down by just over 3 13 percent. The Diversified Equity Fund also down by 3 14 percent as well. However, year to date, the performance 15 is still positive at roughly 7.39 percent and 7.21 16 percent respectively. 17 The best performing benchmark for the month 18 was the Balanced Fund. That was only down by 0.95 19 percent. Again, still positive for the year. And the 20 worst performing benchmark was the International 21 Composite down by 4.26 percent, still slightly positive 22 for the year up by 0.9 percent. 23 So I guess the general theme here for the 24 month is that we did see a challenging month for 25 investors, however, there is some resilience. I mean, 0008 1 we did get the announcement that the US economy did grow 2 by 4.9 percent for the quarter annualized. 3 And yeah, I will just pause here for any 4 questions. 5 CHAIR BROWN: Thank you, Devon. 6 Any questions for Devon? 7 Thank you. Appreciate it. 8 We move on to the Strategic Asset Allocation 9 discussion. Steve and Mike, if you guys would like to 10 chime in? MR. FULVIO: Yeah, maybe I'll just make an 11 12 introductory comment or two. 13 This was a follow-up topic. I'm going to try 14 to pull up the materials for anyone following along. 15 Here we go. 16 This is a follow-up to the discussions we have 17 had over the last couple of meetings around the SAA 18 review, which many will recall is something that the 19 Board is looking at approximately every three years or 20 so. 21 Let me just share my screen here. So today, 22 we are presenting, as it's noted in the materials, a 23 recommended portfolio for the Board to consider 24 approving. This is a portfolio that, compared to the 25 current --0009 MS. HIRSH: Sorry. Is there a way that we can 1 change the pinned image, so we can actually look at your

1

document instead of ourselves? There we go. Thank you. CHAIR BROWN: Thank you.

MR. FULVIO: Good. Okay. So as everyone can see here, you know, based on the current risk profile of the current portfolio, we're expecting compound returns, looking out over the next 10 years, of approximately 7 percent. What we were thinking about in terms of this asset allocation was how could we potentially, you know, move the needle a little bit more toward, more above that 7 percent, right, with some hopefully higher probability of achieving the 7 percent.

We do know that, in late 2021 -- 2022, excuse me, New York State did approve a change to the RSSL Basket Clause rules, which permitted up to 35 percent of basket assets in the portfolio. So we knew we had this additional flexibility from a constraint perspective. We wanted to understand how that -- how that could be reflected in a potential change to the strategic policy of the fund, and we also wanted to take into consideration our current or latest thinking as it pertains to the look forward on markets.

We're in a very different market environment today than we were 10 years ago. We're in a very 0010

different market environment, I would say, today than we were three years ago. So we have, as you'll know, certainly more return expected from fixed income assets today by virtue of the higher yields that we have seen over the last year or so.

Taking all of those things into consideration, we wanted to understand, if we were going to deploy incremental levels of risk in the portfolio, in the hopes of shifting the distribution toward the upside for the pension, where were -- where were those next best dollars to be deployed?

And so, using some of that flexibility, you can see the biggest changes here at a high level from the current to the recommended are taking down very slightly by about 3 percent the public equity allocation, taking down very slightly the public fixed income allocation, you can see that's coming down by 3 percent as well, and redeploying those assets into alternative markets or private markets over time to try to capture what we would expect to be a return premium relative to the public markets.

That's not to say we think public fixed income or public equity are unattractive today, but we would expect, over the long term, to get an incremental return for the incremental risk we're taking in alternative

markets and also the active management premium that comes with those asset classes, we would hope the system could benefit from that premium over time.

And so the biggest changes here are taking

down those allocations to public markets, increasing the allocation to alternative markets, and specifically within alternative markets, focusing on slight increases to private real estate, private infrastructure, opportunistic fixed income, and a more notable increase to private equity.

When we look across public pensions in this country, these allocations, I would say, will bring you to be a little bit more in line in terms of the alternatives allocations, which we generally see are a little bit higher for other publics, and so you'll be a little bit more in line there.

All told, the expected risk and return profile of the new allocations, I would say are not meaningfully different than where you are today, but we should expect to see some incremental return for the incremental expected risk or volatility that we would be introducing to the portfolio.

MR. MEIER: (Indiscernible) the increase in alternatives. I don't think that puts us out of line with peers. In fact, I think we'd still be

underweight --

MR. FULVIO: Still be underweight.

MR. MEIER: -- alternatives relative to peers out there. So even though, obviously, deals flow has gotten more challenging in, say, private equity, things are cheapening up, and as we increase or if you opt to increase the exposure to private equity, that will occur over the course of years. So we do think it's a great way to pick up hopefully some relatively attractive deals, and through that vintage diversification, do it prudently over time.

There are many other investors out there that have an overweight, given the denominator and path, the fact that we had such a decline in bond, public bond and stock prices last year, that they'd be deploying less money into these deals, which puts us in a position where we're able to better negotiate stronger economics, meaning lower fees, and have access to the very best managers that are out there. So timing, I think, is probably pretty good.

MR. FULVIO: Yeah, and I think it's important to remind the Board that, with an approval such as this, you're not flipping a switch and moving there overnight. It does take time to transition to these new targets and deploy capital into private markets.

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MR. MEIER: It's also recognition,

particularly in private equities, we're already over target by that 1.8 percent, so it's a recognition in that it gives us more room to continue to deploy money as things are cheaper.

Private credit we think is also a great area

to invest in with returns between 10, 12 -- 12 and 15, depending upon the structure. So, and again, 9 infrastructure I think has proven to be a great 10 inflation hedge and a strong performer. 11 I think the other thing, Mike, and correct me 12 if I'm wrong, we were asked to combine real estate 13 core/non-core just to have flexibility to toggle between 14 the two, because some of them, and may have blended 15 strategies as well --Yeah --16 MR. FULVIO: 17 MR. MEIER: -- that look like some element of 18 core, some element of opportunistic. So I think that's 19 cleaner. 20 MR. FULVIO: The last thing I'll mention is, 21 you know, we could see public markets sell off very 22 quickly and be in a position where the denominator 23 effect puts your alternatives allocation or your basket 24 allocation much closer or if not maybe at times above 25 that 35 percent. We think this level here at about 29 0014 percent at target to basket assets does provide some 1 2 cushion as well for that. 3 CHAIR BROWN: Mike, Steve, I know -- I heard Mike say different, we're in a different market 5 environment than we were 10 years ago, five years ago, five days ago, and I know we review this every three 7 years or so. Three years seems, these days, to be such a long time period. 9 MR. MEIER: Yeah. 10 CHAIR BROWN: You'll get back to us if 11 anything develops? Who can predict what's going to 12 happen with the wars and with the political season coming up. So if there's anything on the radar that you 13 14 see that you think we'd be interested in, you'll come to 15 us sooner than that three-year period. 16 MR. FULVIO: Absolutely. 17 CHAIR BROWN: Great. 18 MR. MEIER: But I think it's also fair to say 19 that we're not trying to be tactical here. We're trying 20 to be strategic, and this is kind of a building an all 21 weather portfolio that should perform strongly over 22 time. But of course, as things change, so -- Mike, I 23 understand from some of the consultants that upwards of 25 percent of clients have actually undertaken the 25 reviews, strategic allocation reviews this year because 0015 1 of the move up in base rates last -- I think, Mike, I don't want to speak for you, but that's one of the things you're alluding to is the fact that money is more expensive now, and base rates, relatively attractive. 5 So a lot of other public pension plans and corporate pension plans have undertaken that review because of the 7 change in base rates.

I suspect if you had something that dramatic,

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     you'd accelerate that timeframe for review inside of
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     three years.
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               MR. FULVIO: Yeah, and just to say, too,
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     that's not to say we expect the yield rise to continue
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     or with the same trajectory or speed that it has, but
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     yeah, if we see the environment change materially --
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               CHAIR BROWN: Perfect. That's great.
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               MR. FULVIO: As you know, we meet monthly, so
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     we're --
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               CHAIR BROWN: Yeah, yeah, that's -- yeah,
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     that's a comforting feeling knowing that. Great, thank
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               So do we have any more questions for Mike or
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     Steve?
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               MR. KAZANSKY: Just one clarification for me.
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               CHAIR BROWN: Sure, David.
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               MR. KAZANSKY: Regardless of how we move our
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     asset allocation, the rebalancing ranges are still the
     same as they have been previously, yeah?
              MR. MEIER: Yeah, I think the equation for
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     the, say, private equity is at one-half of the target
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     rounded up. Is that right, Mike?
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               So they'll adjust a little bit, but we don't
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     take -- we're not trying to time, we're not trying to
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     be --
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               MR. KAZANSKY: No, no, never.
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               MR. MEIER: But yeah, they don't change. They
11
     don't change.
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               MR. KAZANSKY: Okay.
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               MR. FULVIO: Yeah, I was going to say, to the
     extent we're looking at that and making the changes in
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     the policy to reflect this updated target portfolio,
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     we'll review the ranges as well, and if we have any
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     suggestions on potentially changing those for the
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     parking places, we'll come to the Board for approval on
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     that.
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               MR. KAZANSKY: Okay, great. Thank you.
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               CHAIR BROWN: Thanks. Any questions from Mike
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     or Steve?
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               Normally, we would do a consensus, but I think
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     we'll take a vote for this strategic asset plan now,
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     because it's one of our most important things that we
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     do, and then we have to vote at the board meeting. So
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     why don't we just get this on the record.
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               Do I hear a motion to accept the strategic
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     asset allocation?
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               MR. KAZANSKY: So moved.
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               CHAIR BROWN: Is there a second?
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               MS. LIN: Second.
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               CHAIR BROWN: Thank you. It has been moved
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     and seconded.
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               MS. BUDZIK: So just so we're clear, it's the
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    recommended --
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               (Crosstalk.)
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               CHAIR BROWN: Let's get on the record the
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     recommendation.
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               MR. FULVIO: Yes.
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               CHAIR BROWN: So it has been moved, it has
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    been seconded. Any questions about the recommendation
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               All those in favor accepting the recommended
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     plan, please say aye.
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               (Ayes were heard.)
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               CHAIR BROWN: All those against, please say
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     nay? Any abstentions?
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               So let the record show that we accept the
25
     asset allocation recommendation. Thank you.
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               MR. FULVIO: Thank you.
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               MS. BUDZIK: A little housekeeping matter, I
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    don't know if it's Rocaton or BAM, if you could get us
    the slide with the actual --
              MR. FULVIO: Do you include that in the
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 6
    resolution?
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              MS. BUDZIK: Because we'll include it in the
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    resolution --
               MR. FULVIO: Absolutely.
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               MS. BUDZIK: -- as an attachment.
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               CHAIR BROWN: We'll vote on this coming up in
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     the next board meeting. Great. So I quess that's all
    the work we have to do in Public Session. Do I hear a
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14
    motion to go into Executive Session?
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              MR. KAZANSKY: So moved.
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               CHAIR BROWN: And a second?
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              MS. LIN: Second.
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               CHAIR BROWN: Great. Any discussion? All
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     those in favor of going into Executive Session, please
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     say aye?
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               (Ayes were heard.)
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               CHAIR BROWN: Those opposed, say nay? Any
     abstentions? We're now in Executive Session. Thank
23
24
     you.
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               Liz, you'll let us know when we're ready?
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               MS. SANCHEZ: Yes.
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               (Public Session closed. Executive Session
 3
     opened.)
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               CHAIR BROWN: We are now in Public Session.
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               Liz, you'll let us know when we're ready?
               (Executive Session closed. Public Session
 6
 7
     opened.)
 8
               CHAIR BROWN: Ron Swingle?
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               MR. SWINGLE: Thank you. In Executive
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     Session, of the Passport Funds, there was one manager
11
     update.
               In Executive Session of the Pension Fund,
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13
     there was a presentation on preliminary performance
14
     data.
15
               There was a presentation on emerging manager
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     allocations. A request for policy update was made and
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     consensus was reached.
18
               There was an emerging manager, an MWBE
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     presentation. Discussion followed.
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               There was a waiver request on a specific
21
     investment. Consensus was reached.
22
               And there was an infrastructure presentation
2.3
     in which consensus was reached.
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               CHAIR BROWN: Great, thank you. Thank you,
25
     Ron.
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               Do I hear a motion to adjourn?
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               MR. KAZANSKY: So moved.
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               CHAIR BROWN: And is there a second?
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               MS. HIRSH: Second.
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               CHAIR BROWN: Any discussion? All those in
 6
    favor of adjourning, please say aye.
 7
               (Ayes were heard.)
 8
               CHAIR BROWN: All those opposed, say nay.
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     are officially adjourned. Thank you, everybody.
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               (The proceedings concluded at 12:05 p.m.)
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0021
 1
                 CERTIFICATE OF DIGITAL REPORTER
 2
 3
               I, WILLIAM MONTAGUE, a Digital Reporter and
 4
    Notary Public within and for the State of New York, do
 5
     hereby certify:
 6
               That the foregoing proceeding is accurately
 7
     captured with annotations by me during the proceeding in
 8
     the above-titled matter, all to the best of my skills
 9
     and ability.
10
               I further certify that I am not related to any
11
     of the parties to this action by blood or marriage and
12
     that I am in no way interested in the outcome of this
13
     matter.
14
               IN WITNESS THEREOF, I have hereunto set my
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15	hand this 14th day of November 2023.
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	William Montague, Digital Reporter
22	Commission No.: 01M00009174
	Expiration Date: June 7, 2027
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1	CERTIFICATE OF TRANSCRIPTIONIST
2	· · · · · · · · · · · · · · · · · · ·
3	I, NANCY KRAKOWER, Legal Transcriptionist, do
4	hereby certify:
5	That the foregoing is a complete and true
6	transcription of the original digital audio recording of
7	the testimony and proceedings captured in the
8	above-entitled matter. As the transcriptionist, I have
9	reviewed and transcribed the entirety of the original
10	digital audio recording of the proceeding to ensure a
11	verbatim record to the best of my ability.
12	I further certify that I am neither attorney
13	for nor a relative or employee of any of the parties to
14	the action; further, that I am not a relative or
15	employee of any attorney employed by the parties hereto,
16	nor financially or otherwise interested in the outcome
17	of this matter.
18	IN WITNESS THEREOF, I have hereunto set my
19	hand this 14th day of November 2023.
20	
21	
22	
23	
	Nancy Krakower, Transcriptionist
24	nanoj manovor, rrandorregorones
25	