

EVERY STOCKHOLDER'S VOTE IS IMPORTANT

EASY VOTING OPTIONS:



VOTE ON THE INTERNET
Log on to:
www.proxy-direct.com
or scan the QR code
Follow the on-screen instructions
available 24 hours



VOTE BY PHONE
Call 1-800-337-3503
Follow the recorded instructions
available 24 hours



VOTE BY MAIL
Vote, sign and date this Proxy
Card and return in the
postage-paid envelope



VIRTUAL MEETING
at the following Website:
www.meetnow.global/MPRYJX4,
on June 16, 2022 at 10:00 a.m.
Eastern Time.
To participate in the Virtual Meeting, enter
the 14-digit control number from the
shaded box on this card.

Please detach at perforation before mailing.

PROXY

BNY MELLON STRATEGIC MUNICIPAL BOND FUND, INC. ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON JUNE 16, 2022

PREFERRED STOCK

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS. The undersigned stockholder of BNY Mellon Strategic Municipal Bond Fund, Inc. (the "Fund") hereby appoints James Bitetto and Sarah Kelleher, and each of them, the attorneys and proxies of the undersigned, with full power of substitution, to vote, as indicated herein, all shares of the Fund standing in the name of the undersigned at the close of business on April 13, 2022, at the Annual Meeting of Stockholders of the Fund to be virtually held at the following Website: www.meetnow.global/MPRYJX4, on Thursday, June 16, 2022, at 10:00 a.m., Eastern time, and at any and all adjournments thereof (the "Meeting"), with all of the powers the undersigned would possess if then and there personally present and especially (but without limiting the general authorization and power hereby given) to vote as indicated on the proposal, as more fully described in the Proxy Statement for the Meeting. To participate in the Virtual Meeting enter the 14-digit control number from the shaded box on this card. The undersigned hereby acknowledges receipt of the Notice of the Annual Meeting of Stockholders of the Fund and of the accompanying Proxy Statement, the terms of each of which are incorporated by reference, and revokes any proxy heretofore given with respect to such meeting.

THIS PROXY, WHEN PROPERLY EXECUTED, WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED STOCKHOLDER. IF THIS PROXY IS PROPERLY EXECUTED BUT NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR THE NOMINEES PRINTED ON THE REVERSE SIDE OF THIS CARD AND IN THE DISCRETION OF THE PROXY HOLDERS ON ANY OTHER MATTER PROPERLY BROUGHT BEFORE THE MEETING.

VOTE VIA THE INTERNET: www.proxy-direct.com
VOTE VIA THE TELEPHONE: 1-800-337-3503

DSM_32705_033022_Pref

PLEASE MARK, SIGN, DATE ON THE REVERSE SIDE AND RETURN THE PROXY CARD USING THE ENCLOSED ENVELOPE.

XXXXXXXXXXXXXX

code

EVERY STOCKHOLDER'S VOTE IS IMPORTANT

Important Notice Regarding the Availability of Proxy Materials for the Annual Stockholder Meeting to Be Held on June 16, 2022.
The Proxy Statement and Proxy Card for this meeting are available at:
<https://im.bnymellon.com/us/en/intermediary/products/closed-end-funds.jsp>

**IF YOU VOTE BY TELEPHONE OR INTERNET,
PLEASE DO NOT MAIL YOUR CARD**

Please detach at perforation before mailing.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS SHOWN IN THIS EXAMPLE:

A Proposal The Board of Directors recommends a vote "FOR" the following nominees.

1. Election of Directors:

Class II 01. Alan H. Howard 02. Robin A. Melvin

| | | |
|--------------------------|--------------------------|--------------------------|
| FOR ALL | WITHHOLD ALL | FOR ALL EXCEPT |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark the box "FOR ALL EXCEPT" and write the nominee's number on the line provided below.

2. To transact such other business as may properly come before the meeting, or any adjournments or postponements thereof.

B Authorized Signatures — This section must be completed for your vote to be counted.— Sign and Date Below

Note: Please sign exactly as your name(s) appear(s) on this Proxy Card, and date it. When shares are held jointly, each holder should sign. When signing as attorney, executor, administrator, trustee, guardian, officer of corporation or other entity or in another representative capacity, please give the full title under the signature.

Date (mm/dd/yyyy) — Please print date below

| |
|-----|
| / / |
|-----|

Signature 1 — Please keep signature within the box

| |
|--|
| |
|--|

Signature 2 — Please keep signature within the box

| |
|--|
| |
|--|

Scanner bar code

XXXXXXXXXXXXXXXXXX

SMB2 32705

XXXXXXXXXX