

MILlicom INTERNATIONAL CELLULAR S.A.
 C/O BROADRIDGE CORPORATE ISSUER SOLUTIONS
 P.O. BOX 1342
 BRENTWOOD, NY 11717



VOTE BY INTERNET - www.proxyvote.com or scan the QR Barcode above
 Use the Internet to transmit your voting instructions and for electronic delivery of information up until May 17, 2024. Have your proxy card with the Control Number in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS
 If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY MAIL
 Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717. Proxy cards must be received by May 17, 2024.

If you vote by mail, please also send a scanned copy of your proxy card to information@millicom.com

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

V49908-P06744-P06743

MILlicom INTERNATIONAL CELLULAR S.A.

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

The Board of Directors recommends you vote FOR for the following proposals:

Agenda items of the AGM

- | | For | Against | Abstain |
|---|--------------------------|--------------------------|--------------------------|
| 1. To elect the chair of the AGM and to empower the chair of the AGM to appoint the other members of the bureau of the meeting.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. To receive the management reports of the board of directors (the "Board") and the reports of the external auditor on the annual accounts and the consolidated accounts for the year ended December 31, 2023. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. To approve the annual accounts and the consolidated accounts for the year ended December 31, 2023. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. To allocate USD 7,560,803 of the results of the year ended December 31, 2023 to the legal reserve and the remaining balance to the unappropriated net profits to be carried forward.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. To discharge all the Directors of Millicom for the performance of their mandates during the year ended December 31, 2023. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. To set the number of Directors at 9.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. To re-elect María Teresa Arnal as a Director for a term ending at the annual general meeting to be held in 2025 (the "2025 AGM").* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. To re-elect Bruce Churchill as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. To re-elect Tomas Eliasson as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. To re-elect Mauricio Ramos as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. To re-elect Thomas Reynaud as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. To re-elect Blanca Treviño de Vega as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. To re-elect Aude Durand as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. To elect Maxime Lombardini as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. To elect Justine Dimovic as a Director for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. To elect Mauricio Ramos as Chair of the Board for a term ending at the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. To approve the Directors' remuneration for the period from the AGM to the 2025 AGM.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| 18. To elect KPMG Audit SARL and KPMG LLP (collectively, "KPMG") as the external auditor for a term ending on the date of the 2025 AGM and to approve the external auditor remuneration to be paid against an approved account.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. To approve an instruction to the Nomination Committee.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. To approve the Share Repurchase Plan.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. To vote on the 2023 Remuneration Report.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. To approve the Senior Management Remuneration Policy.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. To approve the share-based incentive plans for Millicom employees.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Agenda items of the EGM

- | | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| E1. To elect the chair of the EGM and to empower the Chair of the EGM to appoint the other members of the bureau of the meeting.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| E2. To remove the casting vote of the Chair of the Board in the event of a tie provided by article 444-4 (2) of the 1915 Law and add a sentence to paragraph 7 of article 8 of Millicom's articles of association expressly stating that the Chair of the Board does not have a casting vote in the event of a tie.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| E3. To adopt inclusive language and change the definition from "Chairman" to "Chair" of the Board, and to amend article 7, 8, 9 and 21 of Millicom's articles of association accordingly, and further amend article 19 second sentence of Millicom's articles of association to refer to the "chair of the annual general meeting".* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| E4. To fully restate the Company's articles of association to incorporate the amendments to the Company's articles of association approved in the foregoing resolutions.* | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

* Note: refer to the convening notice, including the rectified note to the AGM agenda item 20, for detailed information about these proposals: <https://www.millicom.com/investors/aggm-egm-notices/>

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature [PLEASE SIGN WITHIN BOX] Date

**Important Notice Regarding the Availability of Proxy Materials for the
Annual General Meeting and Extraordinary General Meeting of Shareholders:**
The Shareholder Letter is available at www.proxyvote.com.

V49909-P06744-P06743

**MILlicom INTERNATIONAL CELLULAR S.A.
Annual General Meeting (AGM) and Extraordinary General Meeting (EGM)
of Shareholders May 23, 2024 at 11 a.m. CET**

POWER OF ATTORNEY - Shareholders

I/WE, the undersigned, being an authorized person(s) with full capacity to represent and submit this Shareholder Proxy Form on behalf of the Shareholder with the name and address indicated at the front of this document, and holding the amount, stated in this document, of common shares in **Millicom International Cellular S.A.**, a Luxembourg public limited liability company (société anonyme) with registered office at 2, rue du Fort Bourbon L-1249 Luxembourg, Grand-Duchy of Luxembourg and registered with the Luxembourg Trade and Companies Register under the company number B 40.630 ("**Millicom**" or the "**Company**"), hereby gives special power of attorney, with full power of substitution, to the chair of the AGM and/or the EGM (the "**Attorney**") in order for the Attorney to individually represent the undersigned at the AGM and or EGM of the shareholders of Millicom, to be held on May 23, 2024 starting from 11:00 a.m. (CET), or on any other date or at any other time or location should the AGM and/or EGM be reconvened with the agenda on the reverse side of this document, and to vote as indicated on the reverse side of this document. I/WE authorize the Attorney, for and on behalf of the Shareholder, to sign all deeds and documents or do all acts necessary or useful in respect of the performance of this power of attorney even though not especially indicated, promising to ratify such acts and signatures if need be under this power of attorney, which shall be irrevocable for a period ending on December 31, 2024. This power of attorney is governed by, and shall be construed in accordance with Luxembourg law. The courts of the district of Luxembourg City shall have exclusive jurisdiction to hear any dispute or controversy arising out of or in connection with this power of attorney.

Any item left blank will be voted FOR. This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

Continued and to be signed on reverse side